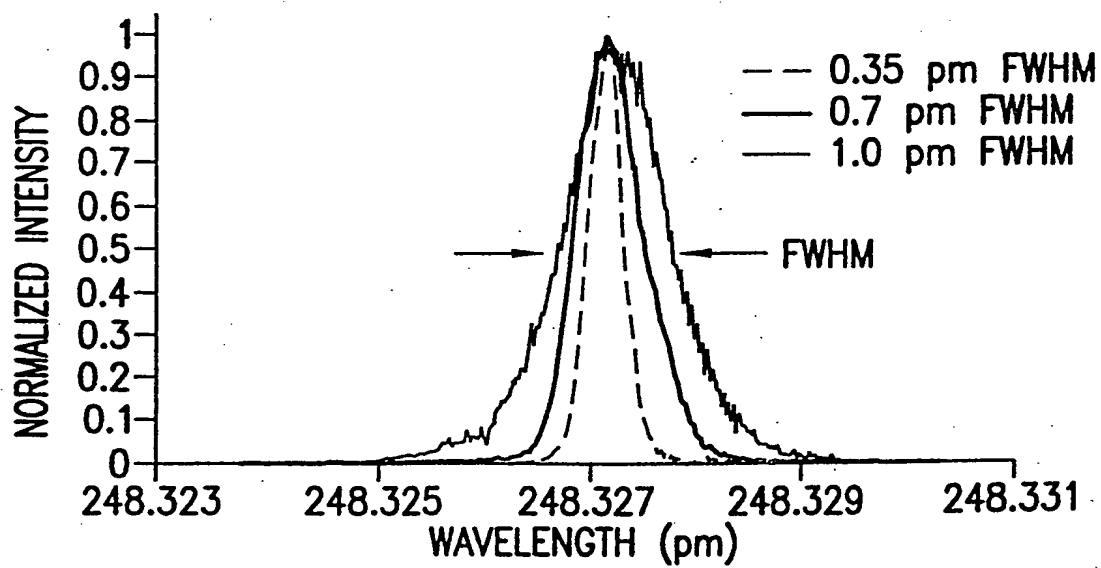


FIG. 1A

FIG. 1B



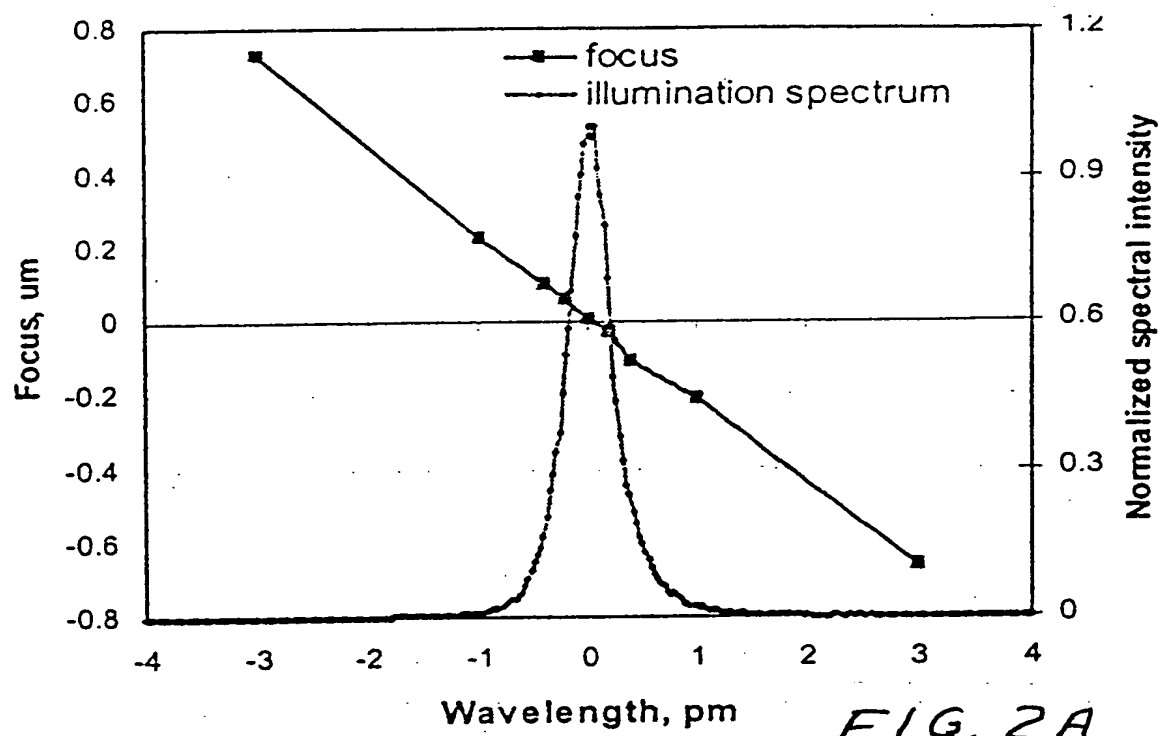
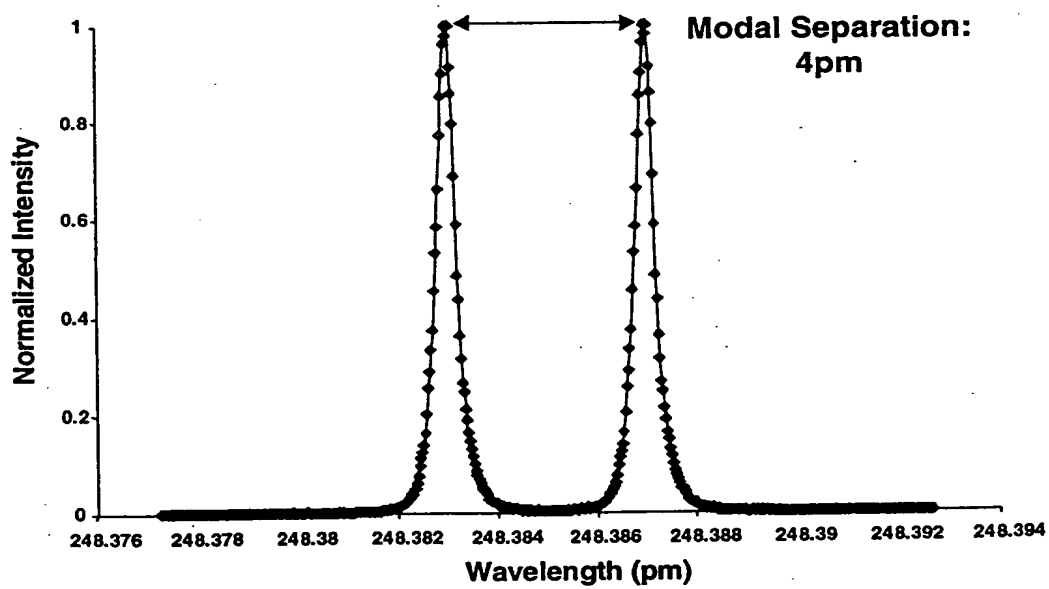


FIG. 2B



Downloaded from www.ascelibrary.org by University of California, San Diego on 06/11/15

FIG. 2D

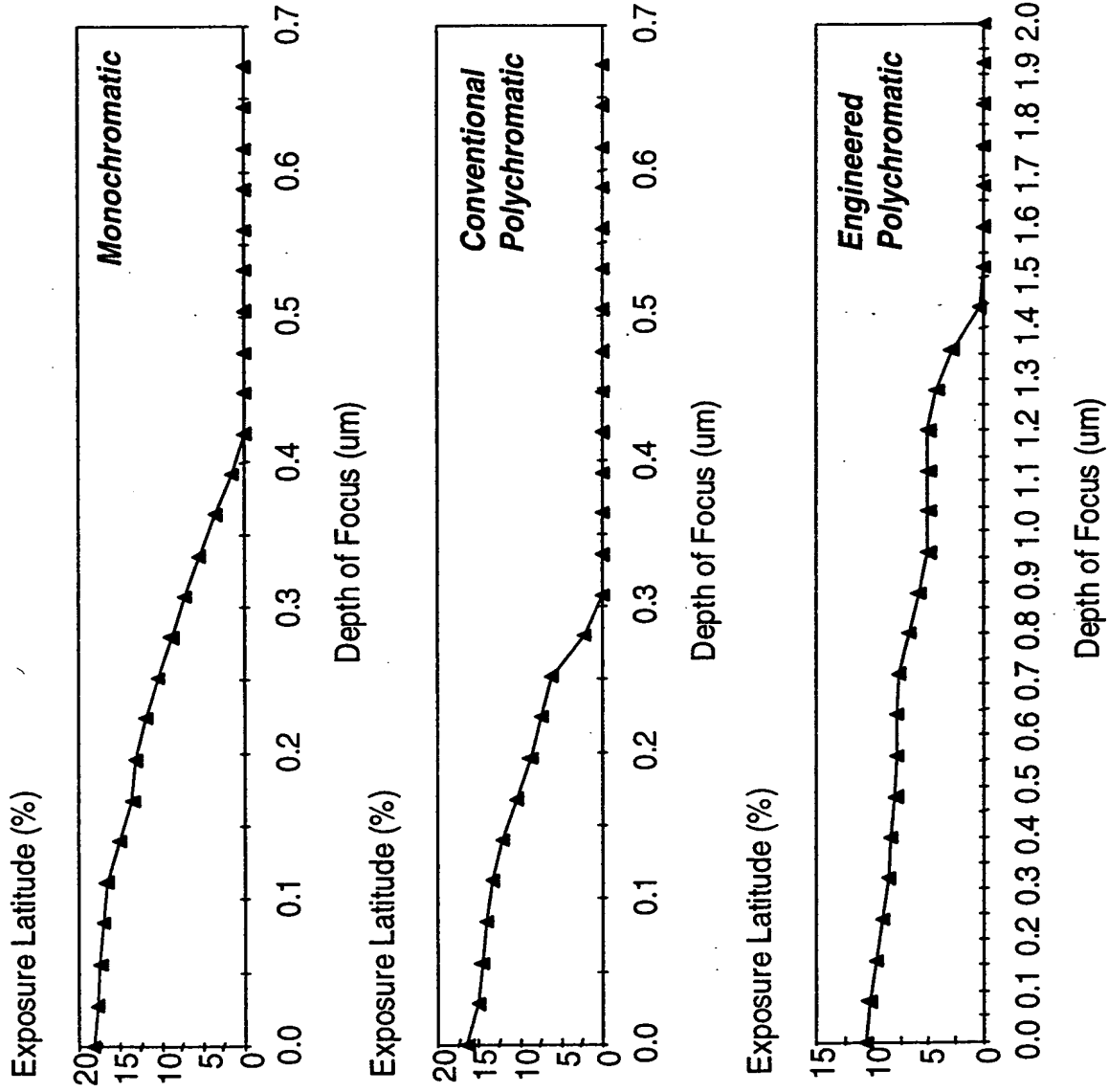
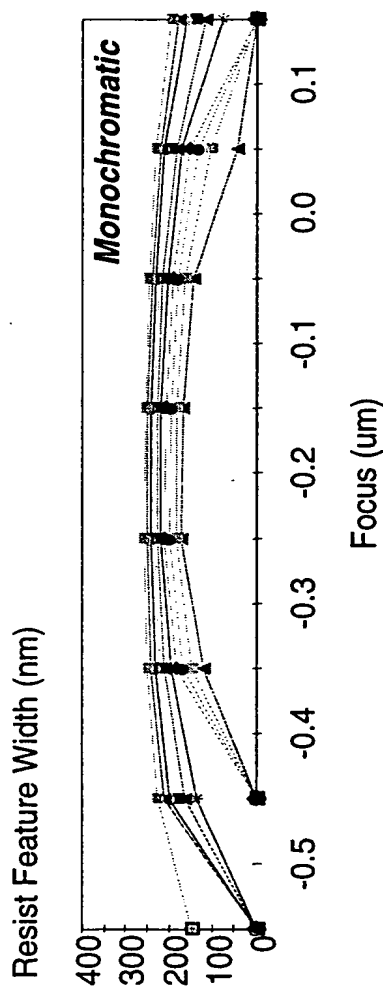
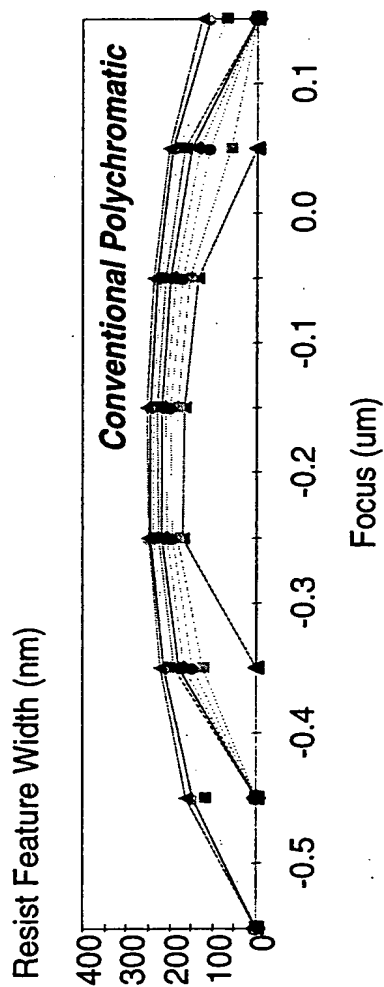


FIG. 2c

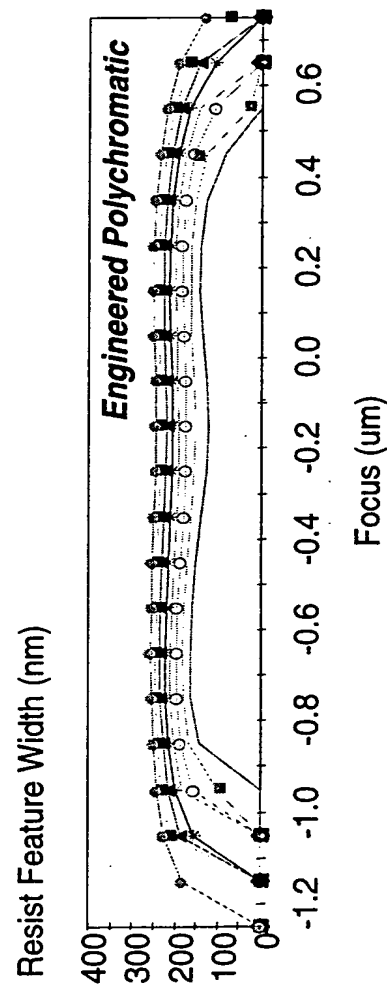
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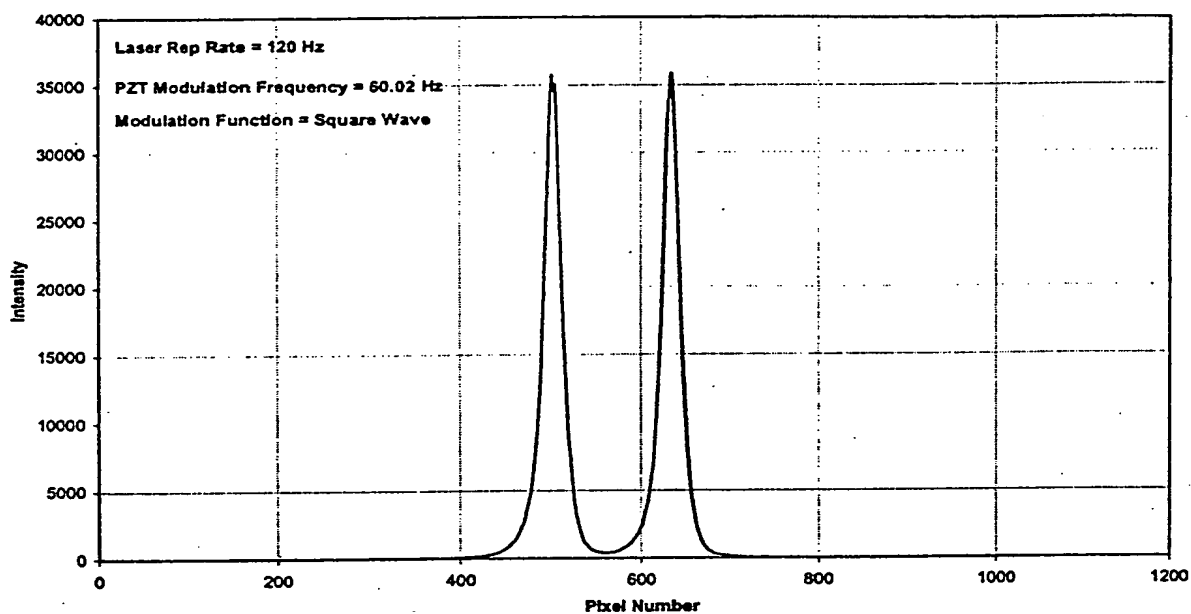


FIG. 2E

FIG. 2F

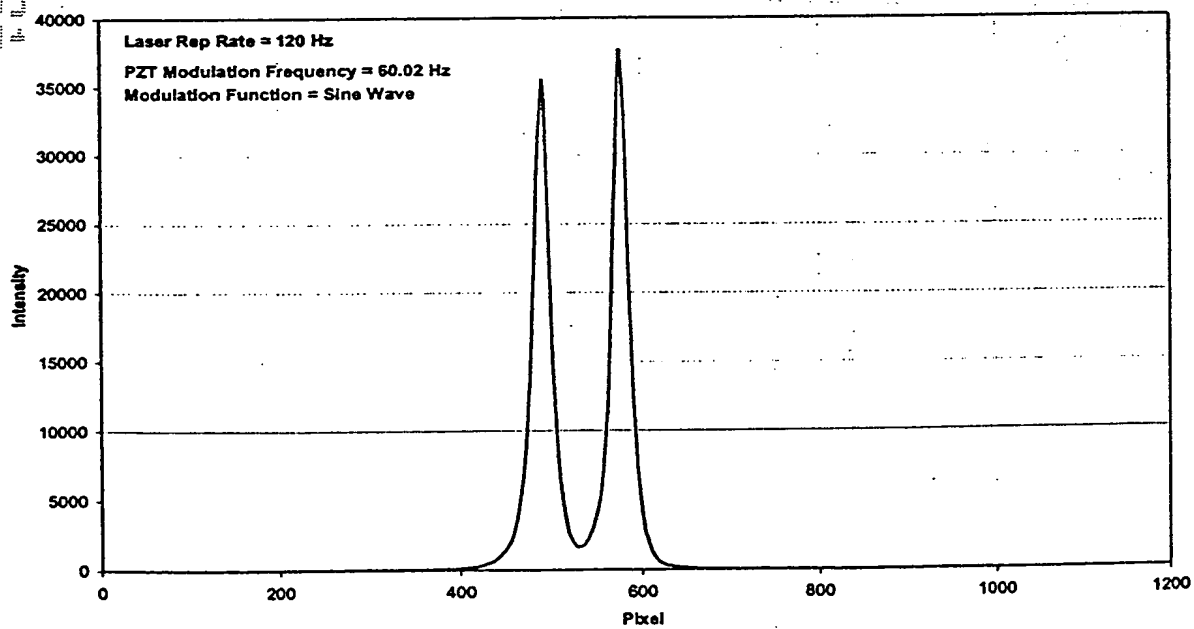


FIG. 2G1

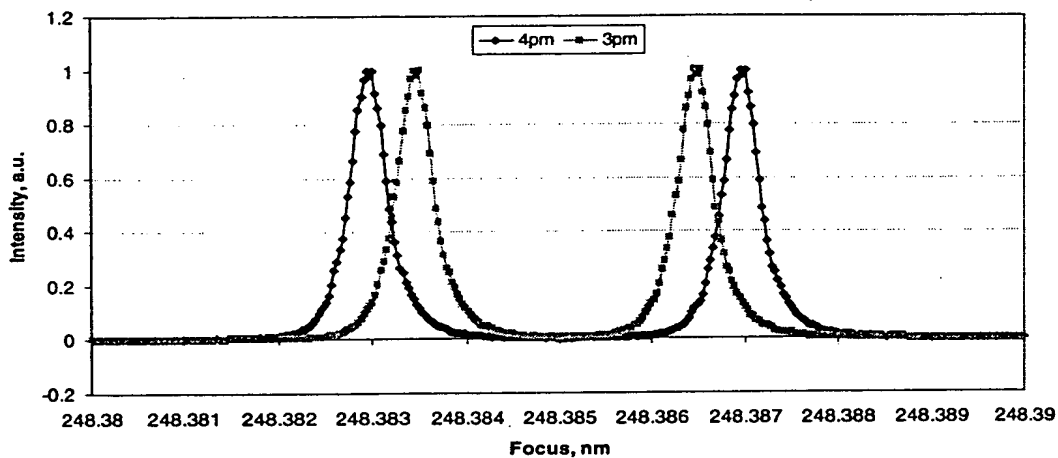


FIG. 2G2

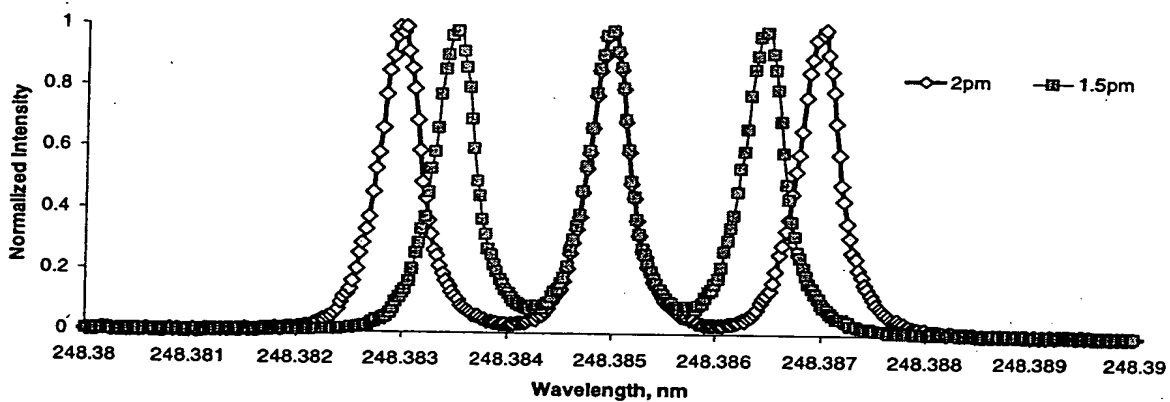
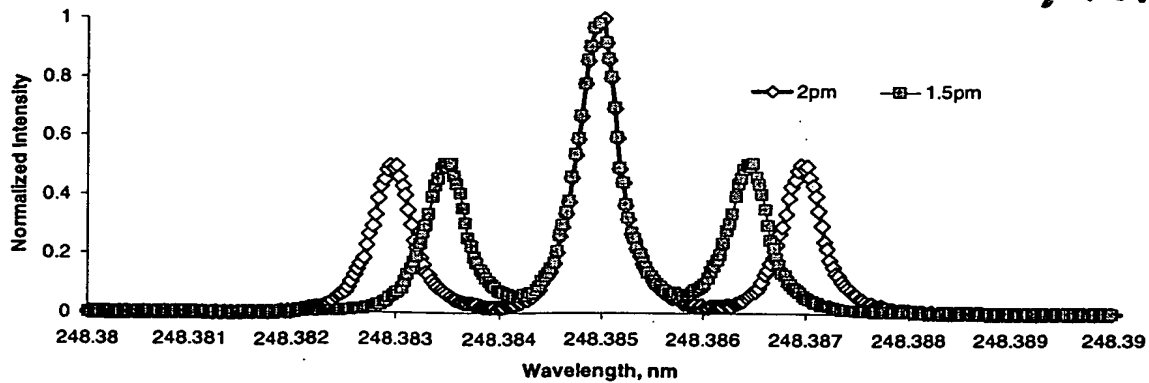


FIG. 2G3



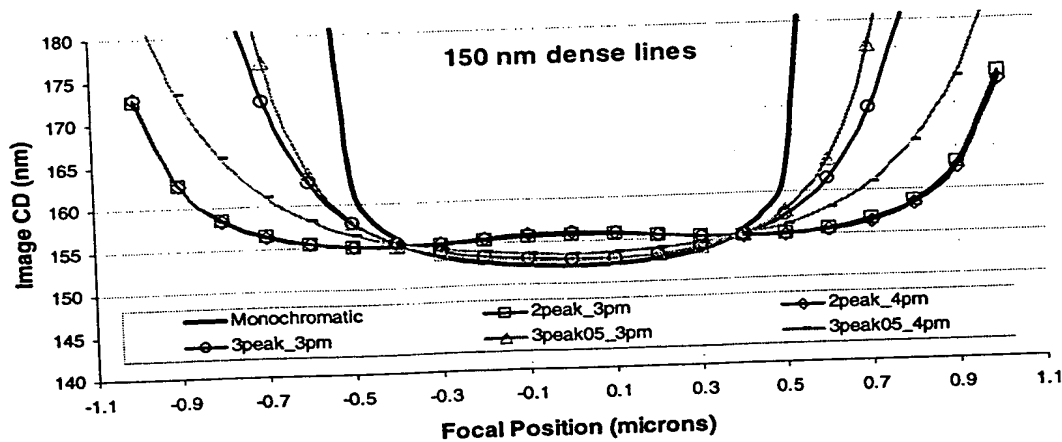


FIG. 2H1

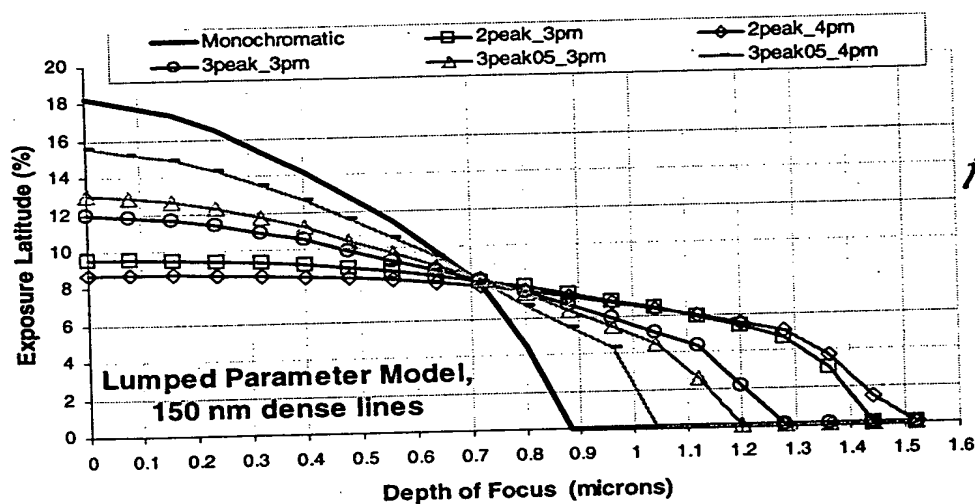


FIG. 2H2

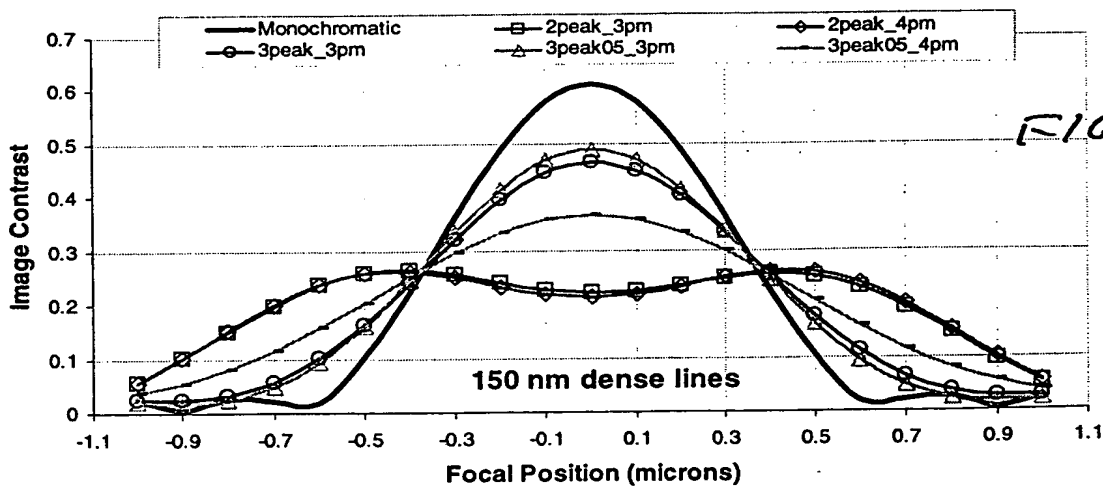
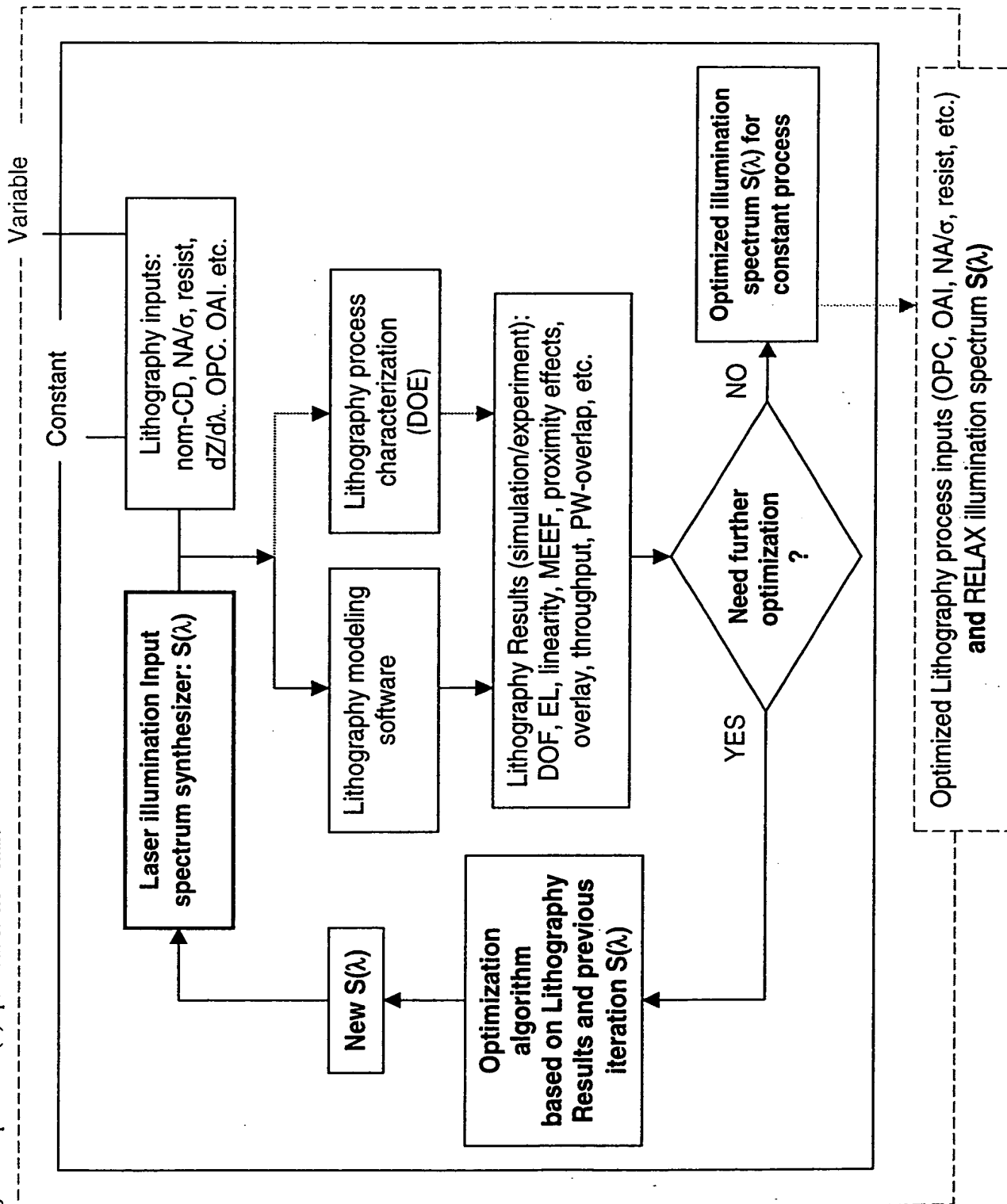


FIG. 2H3

FIG. 21

Figure 3: Spectrum $S(\lambda)$ optimization flow-chart



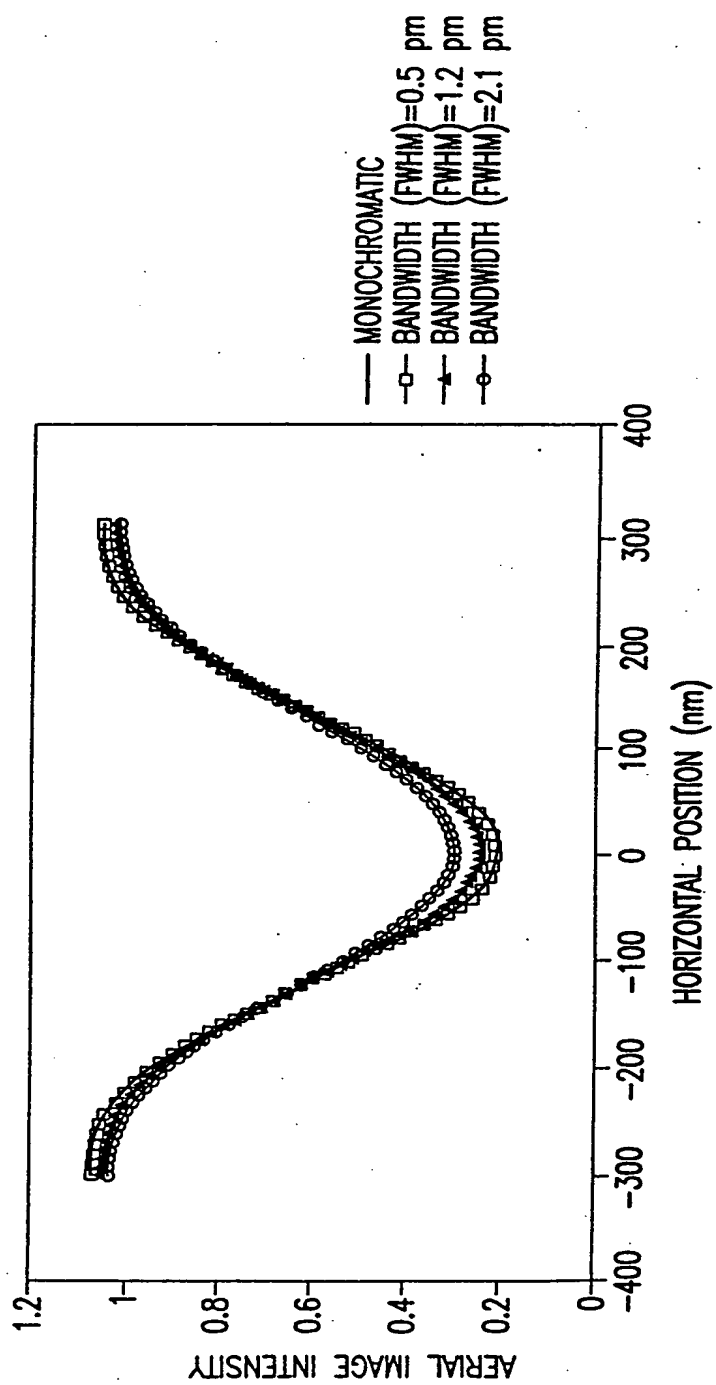


FIG.3

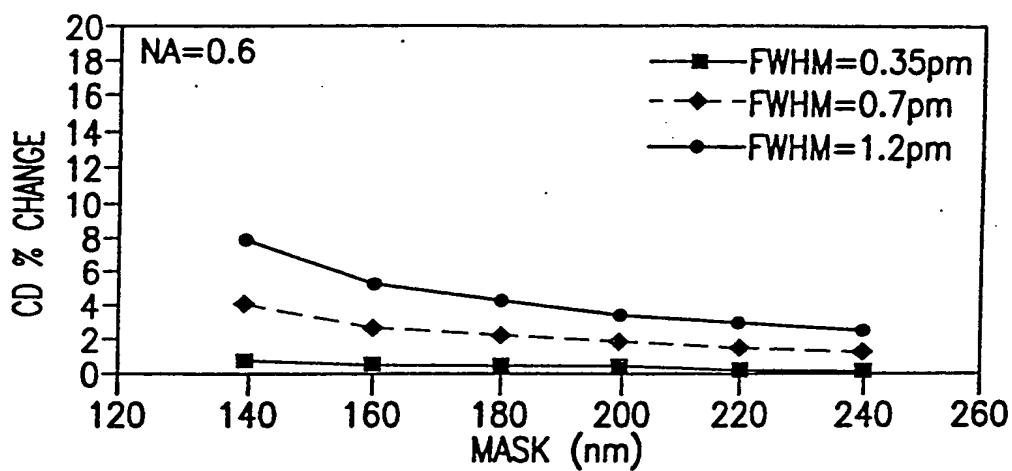


FIG.4A

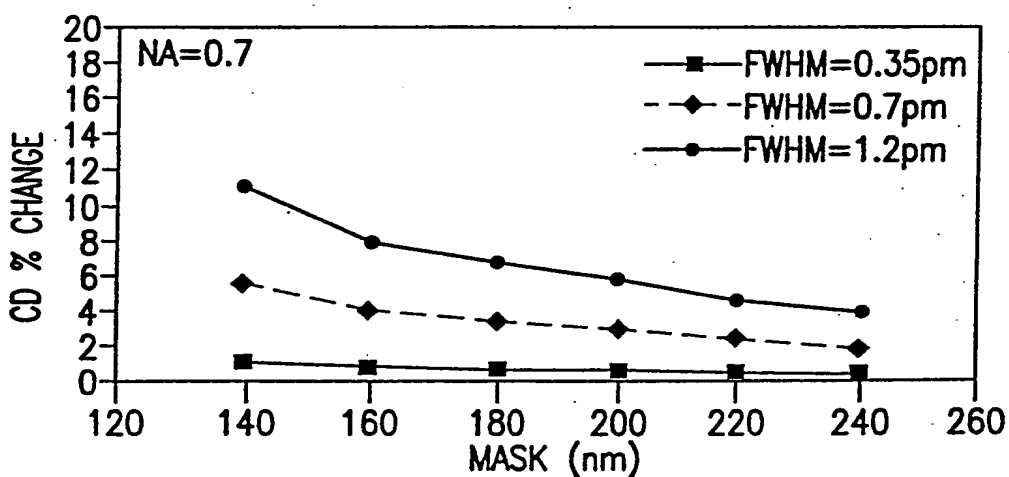


FIG.4B

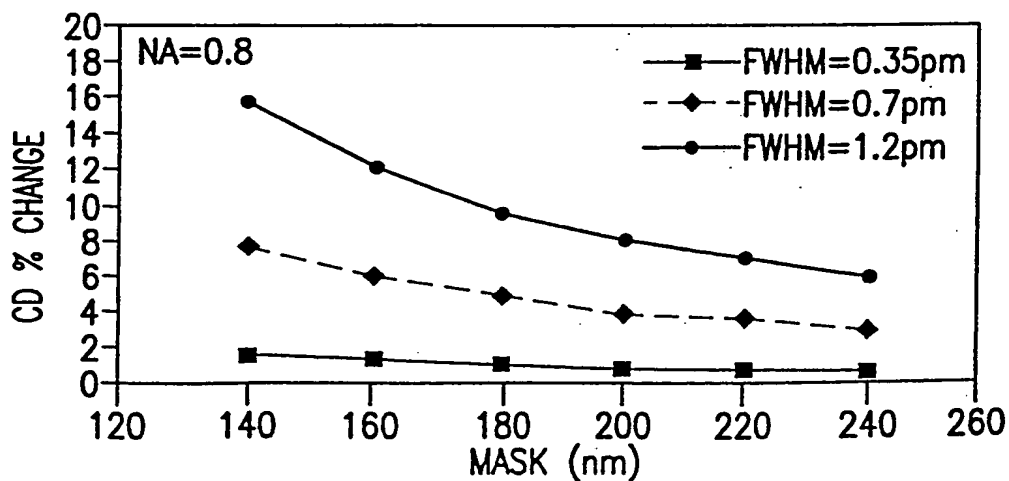
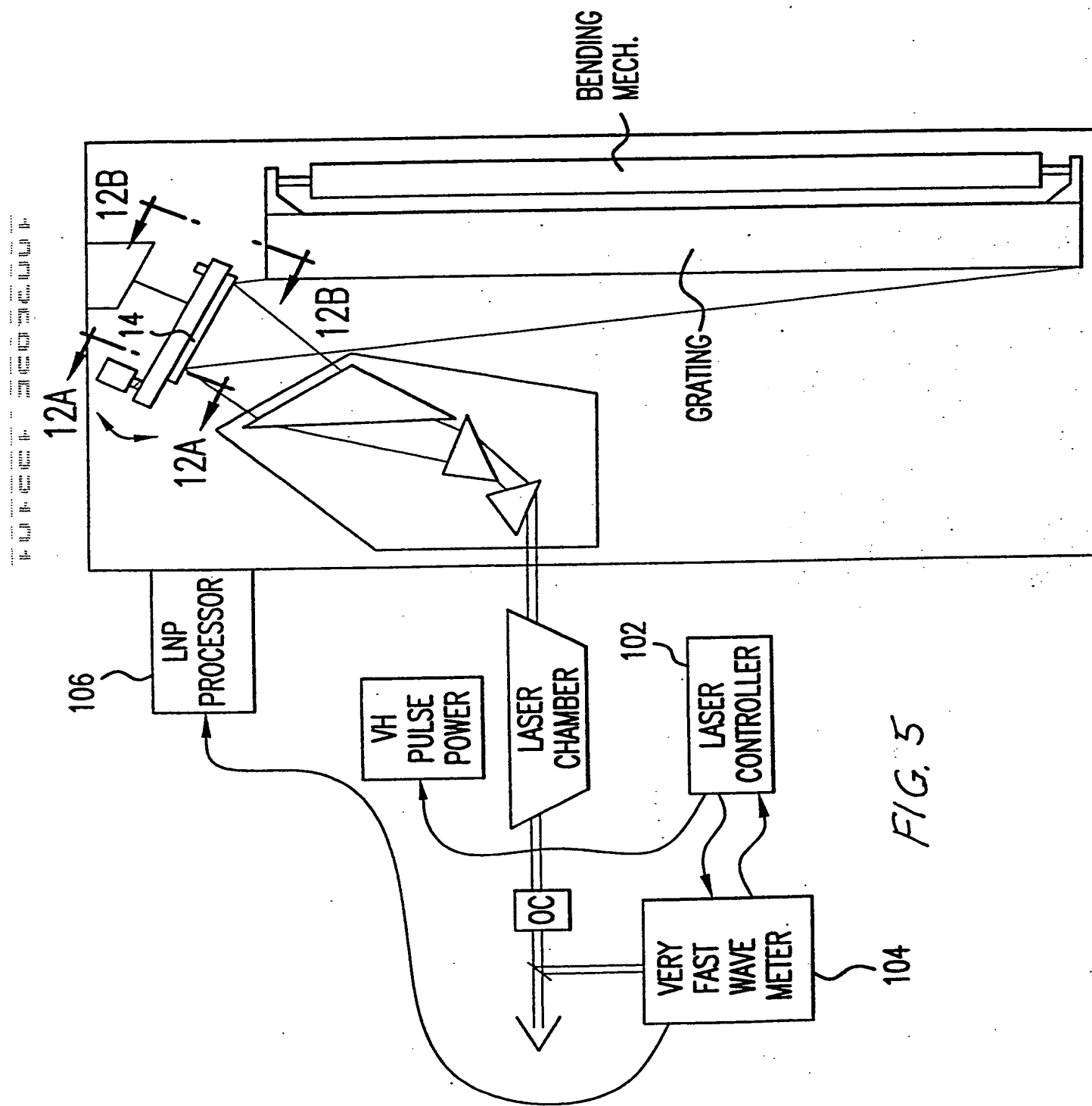


FIG 4C



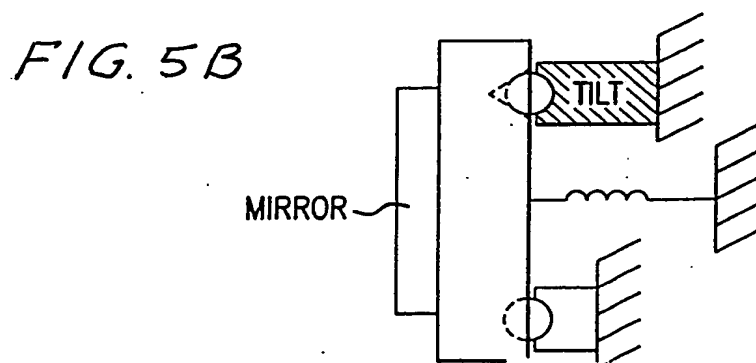
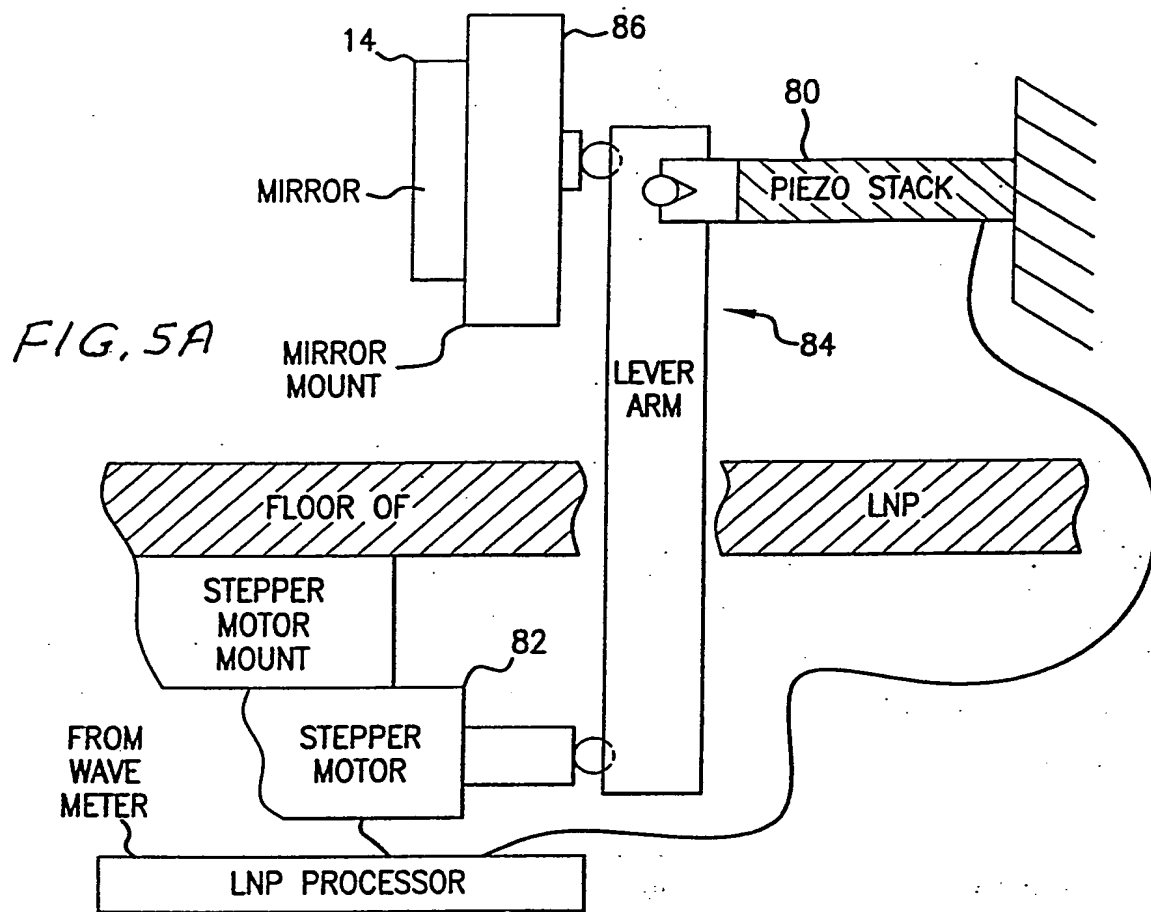
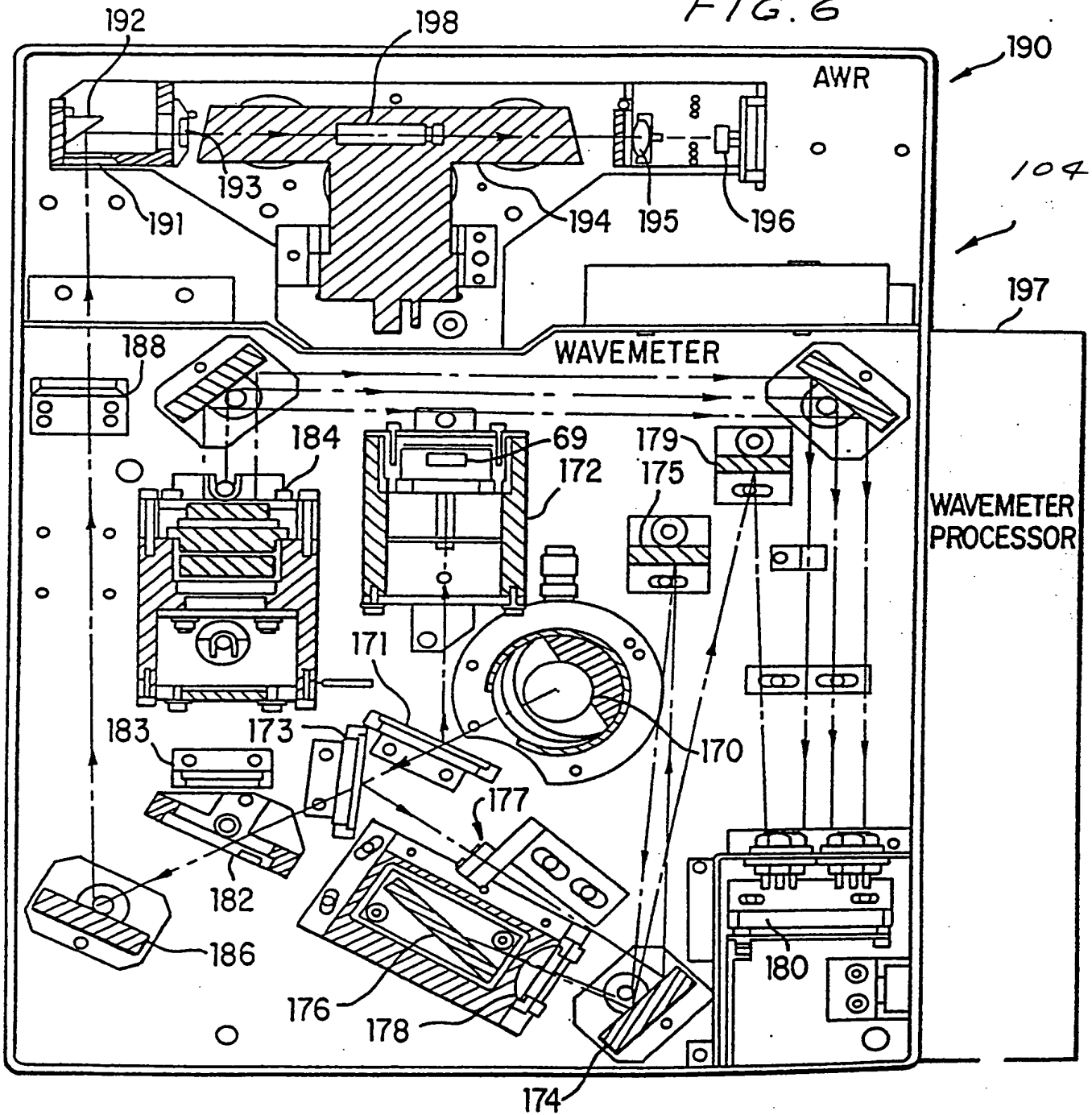


FIG. 6



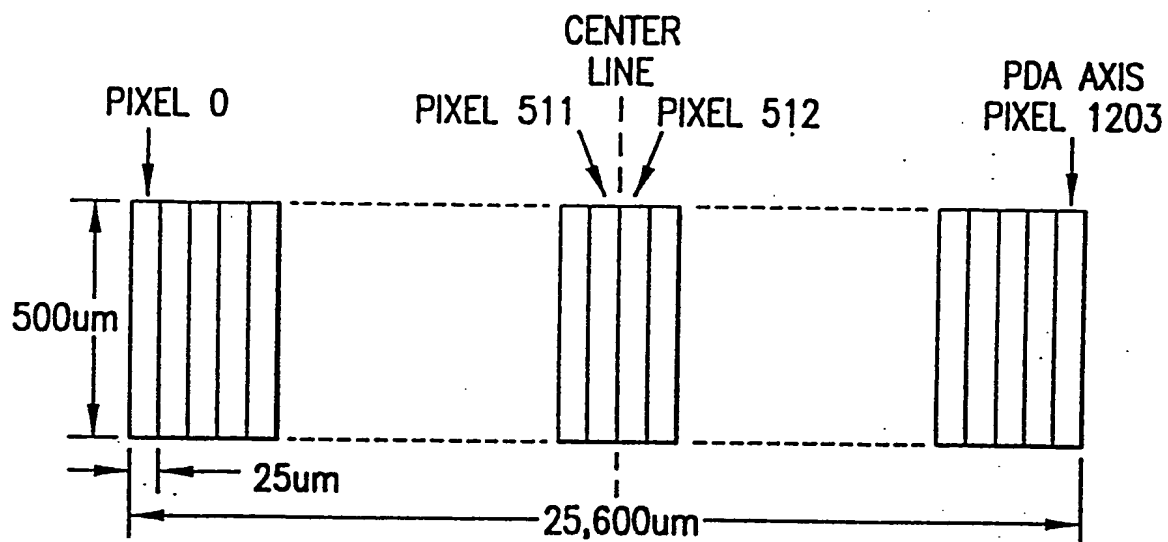


FIG. 6A

FIG. 6B

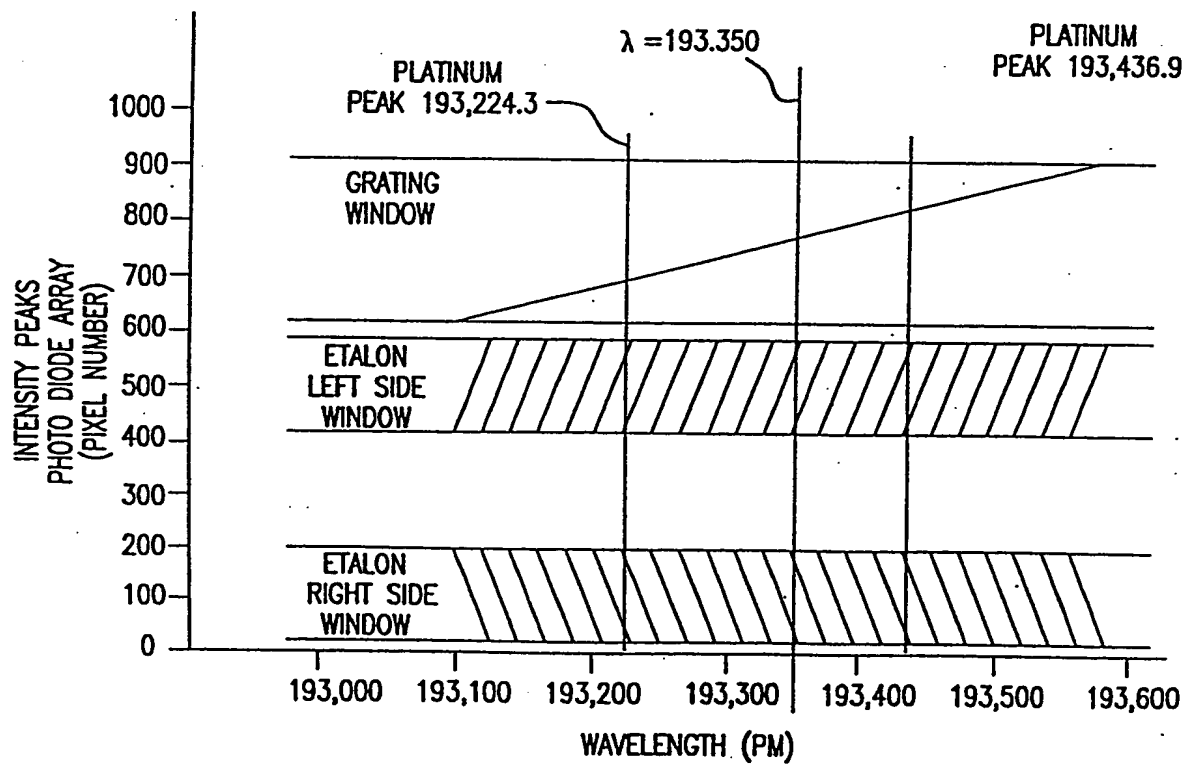


FIG. 6C

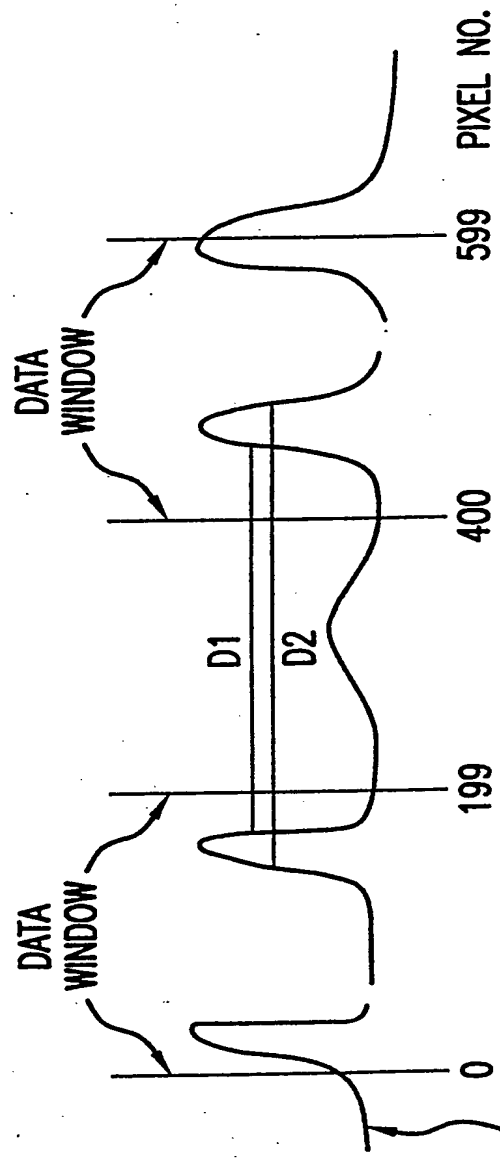
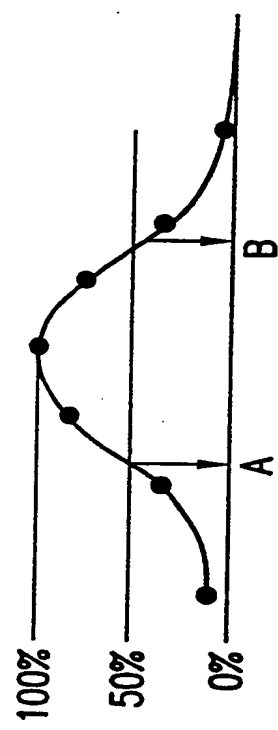
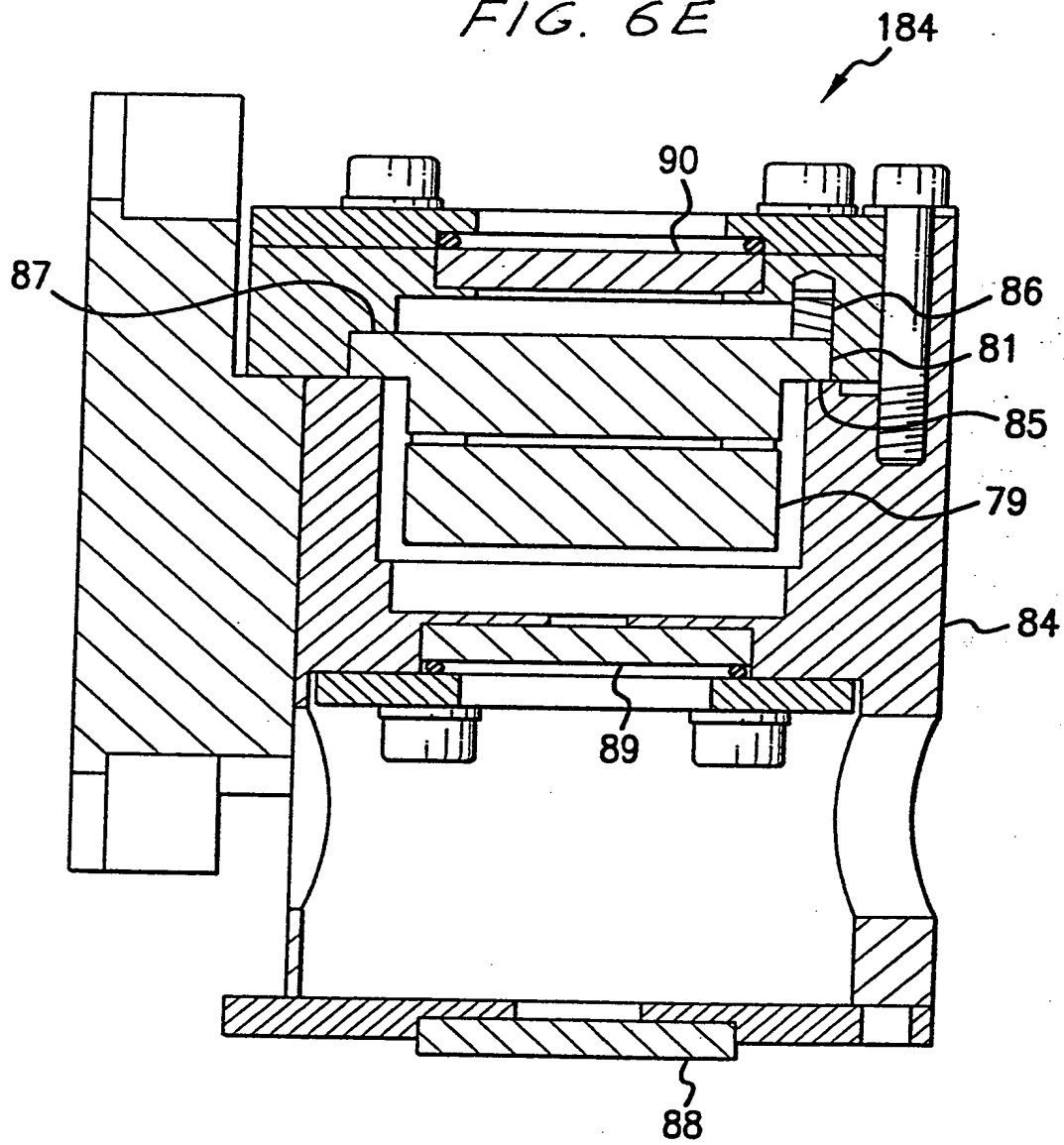


FIG. 6D

FIG. 6E



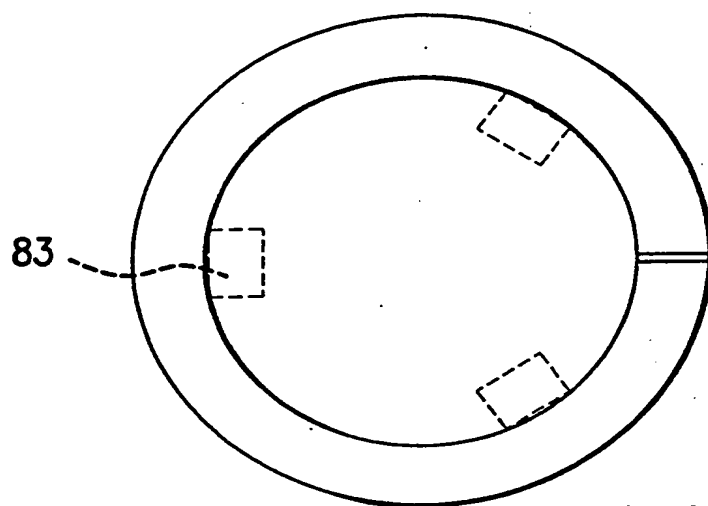


FIG. 6F

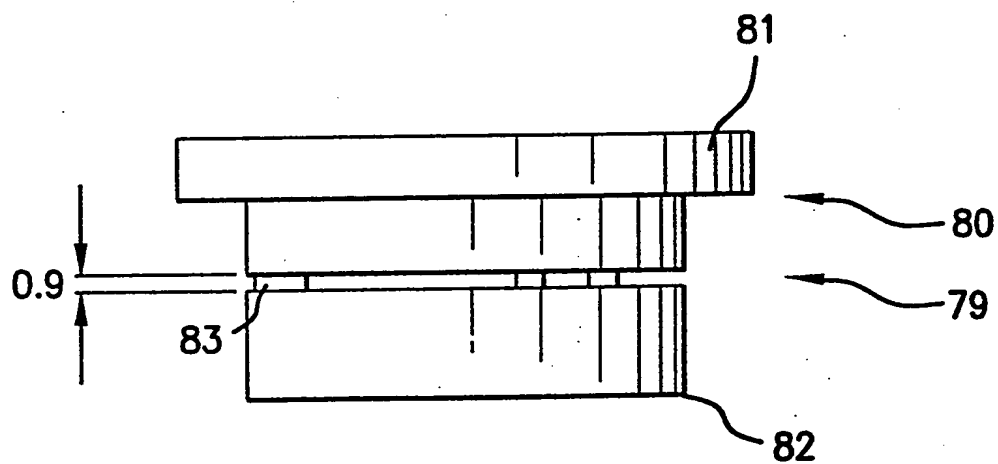


FIG. 6G

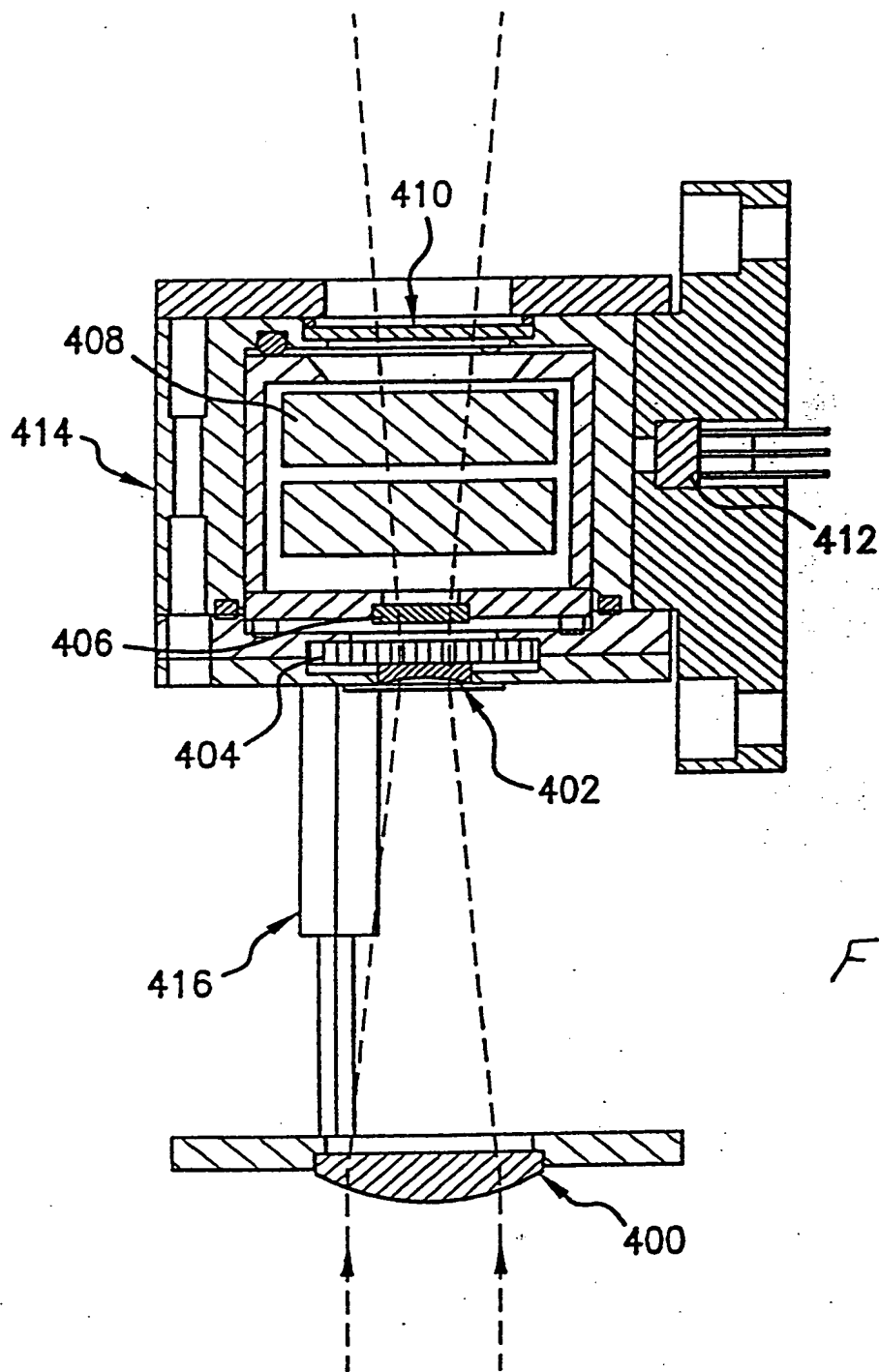


FIG. 6H

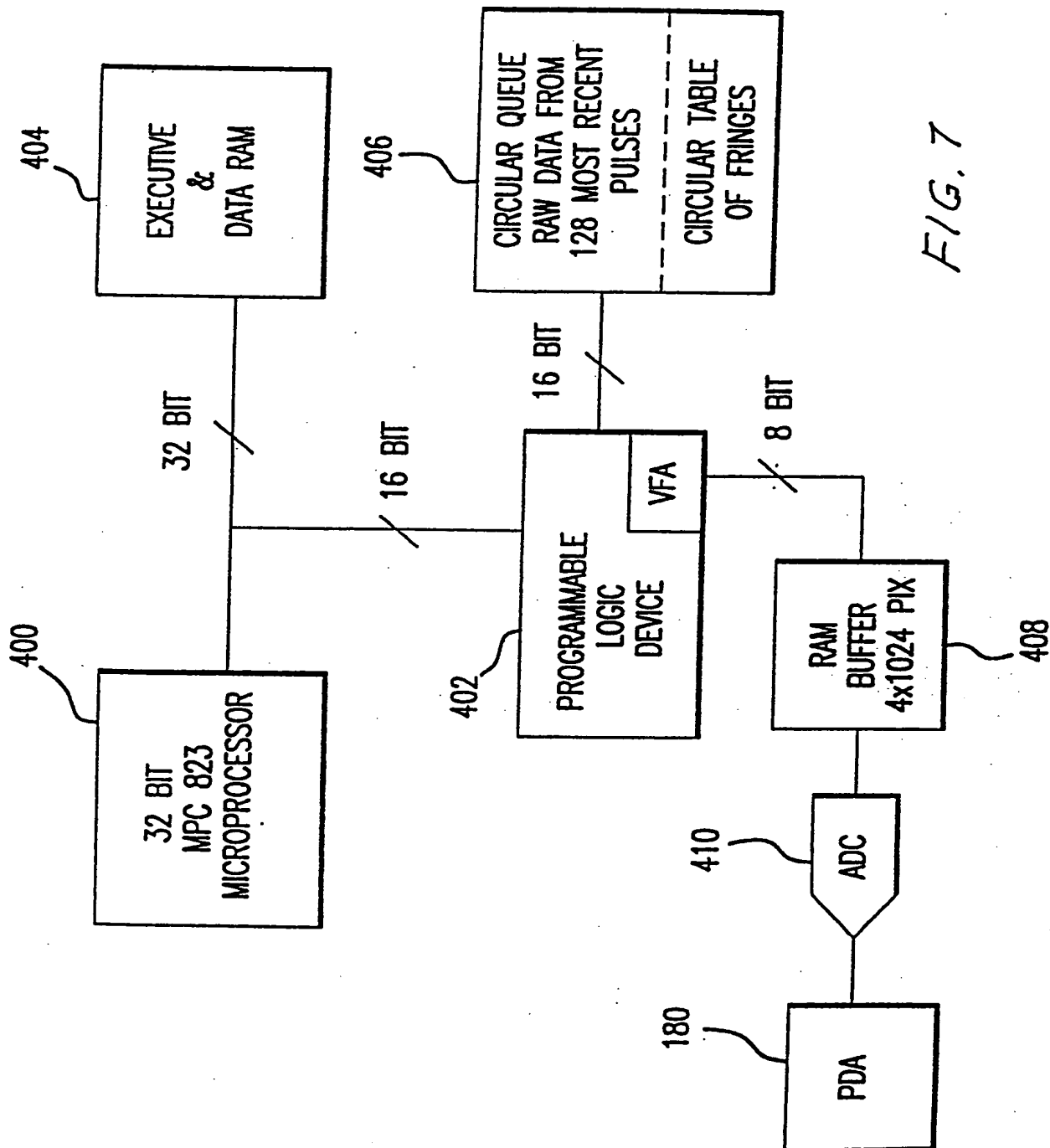


FIG. 7

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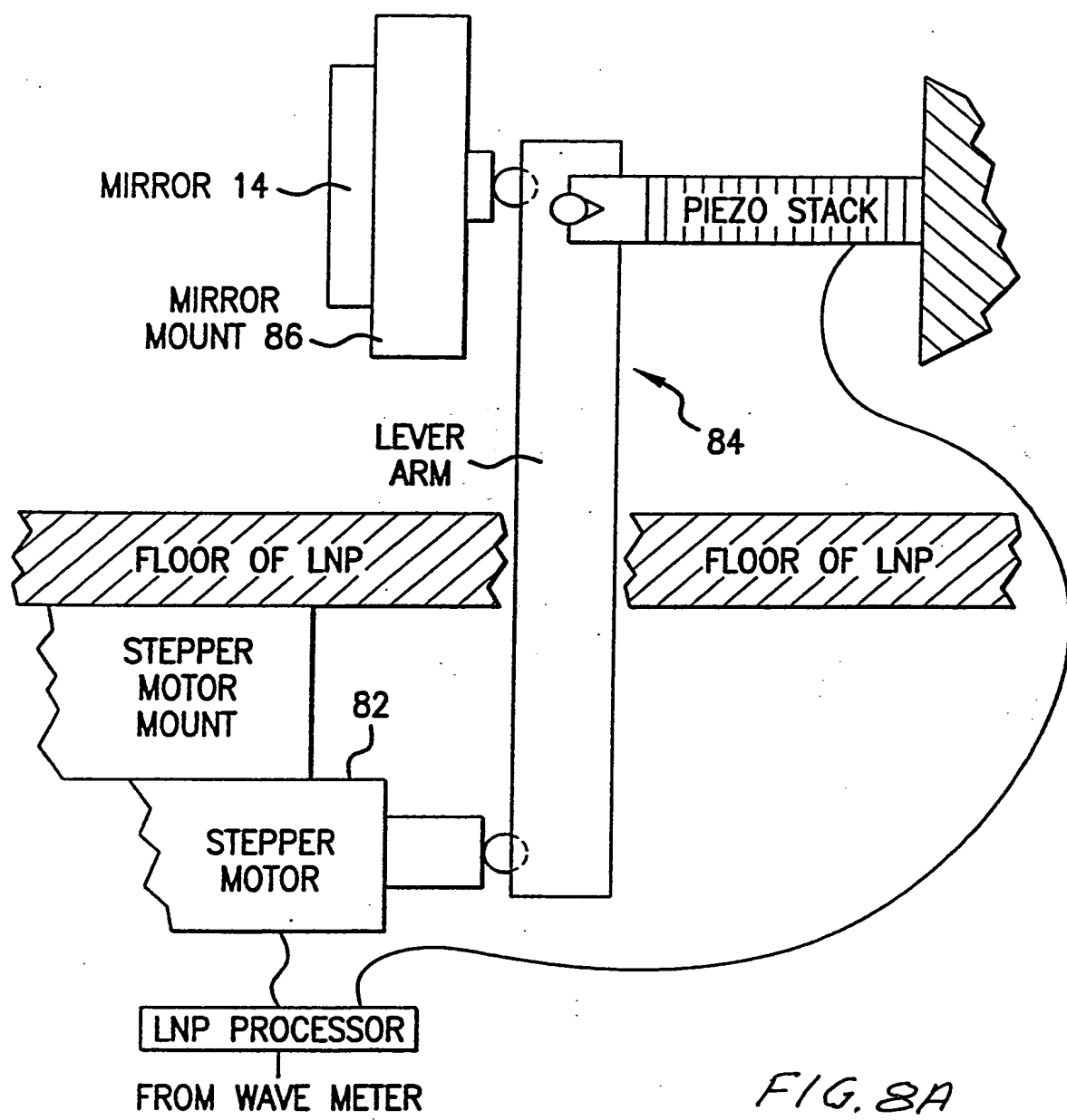
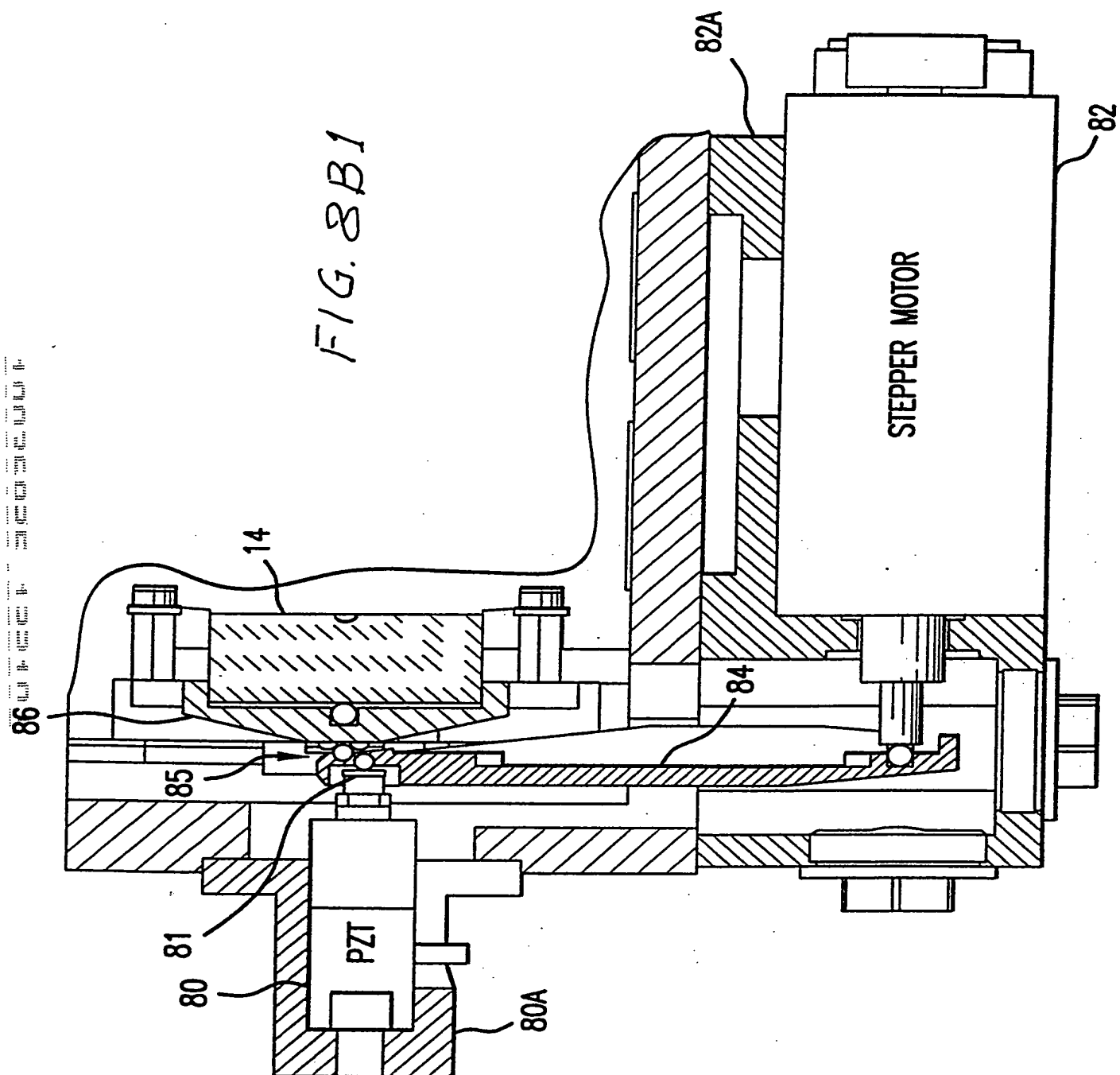


FIG. 8A

FIG. 8B1



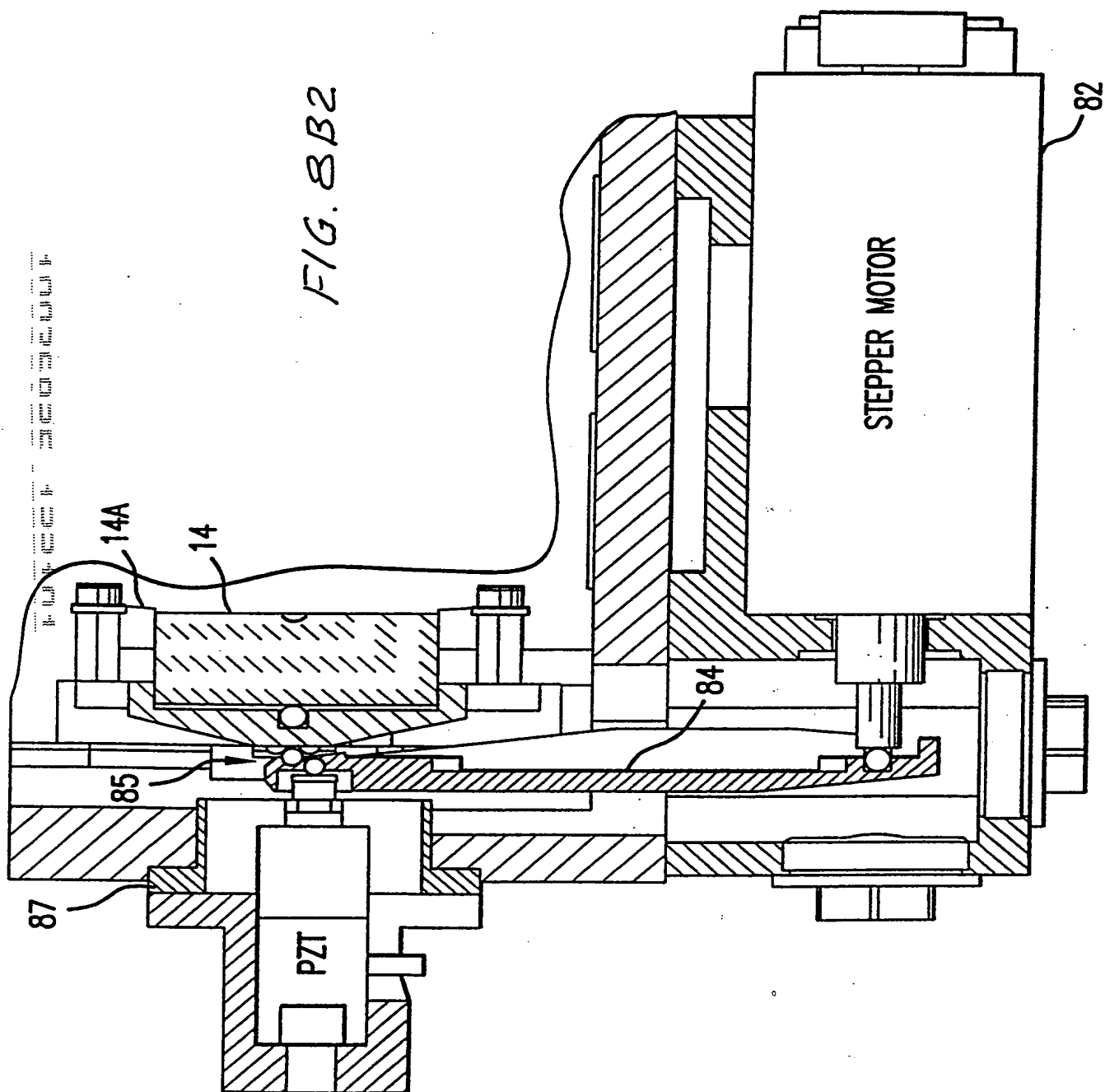
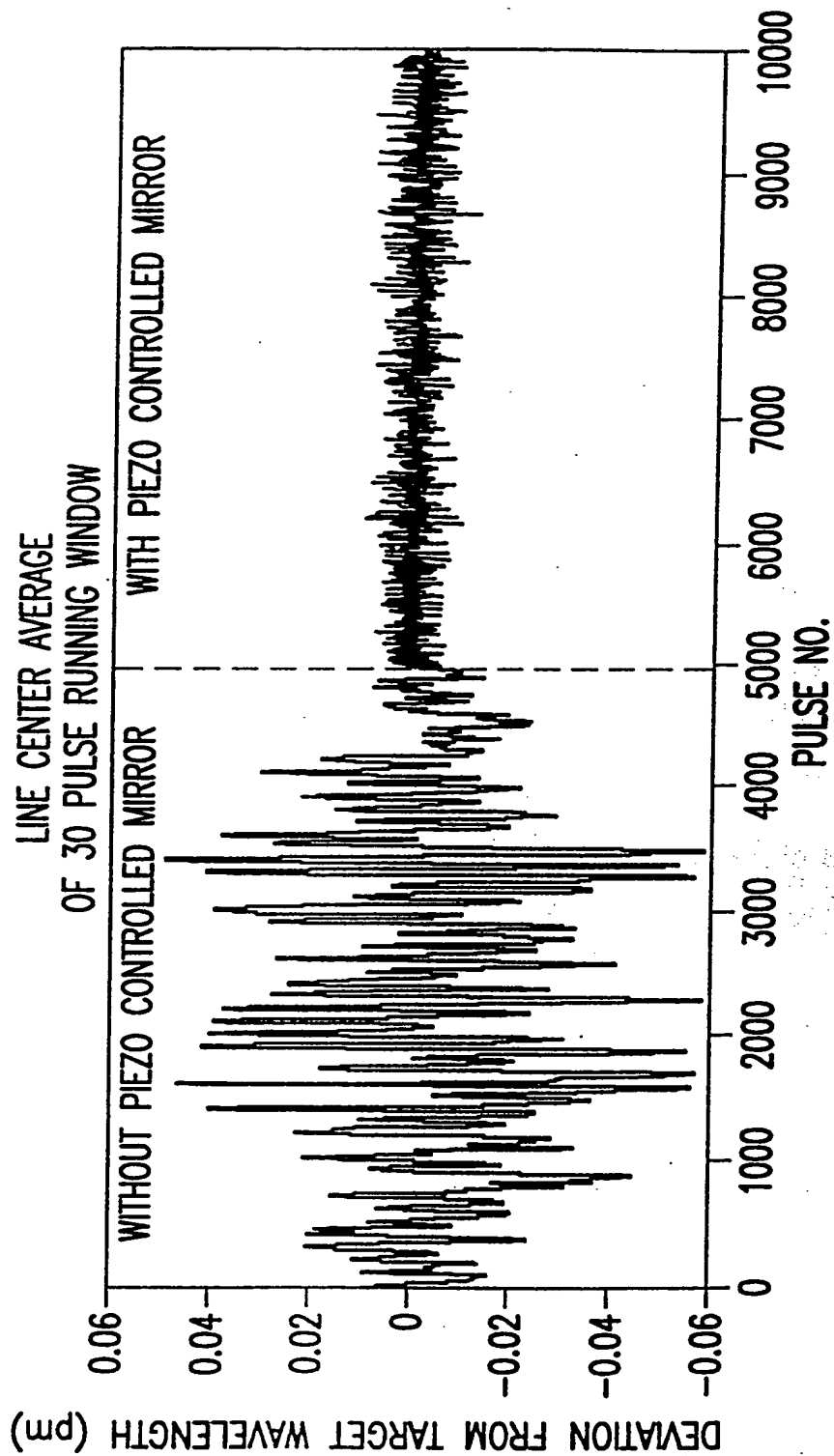


FIG. 8B2

FIG. 8C



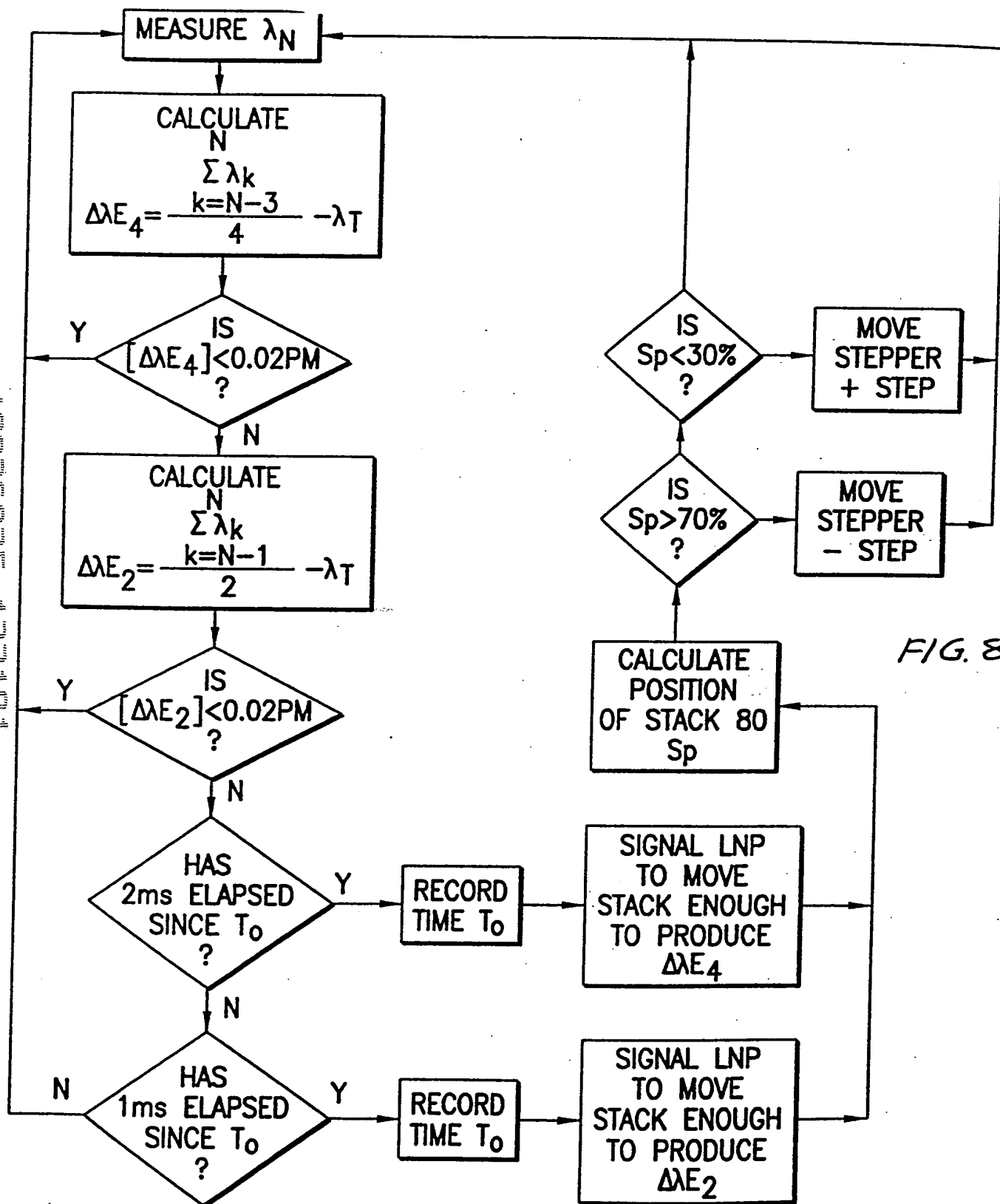
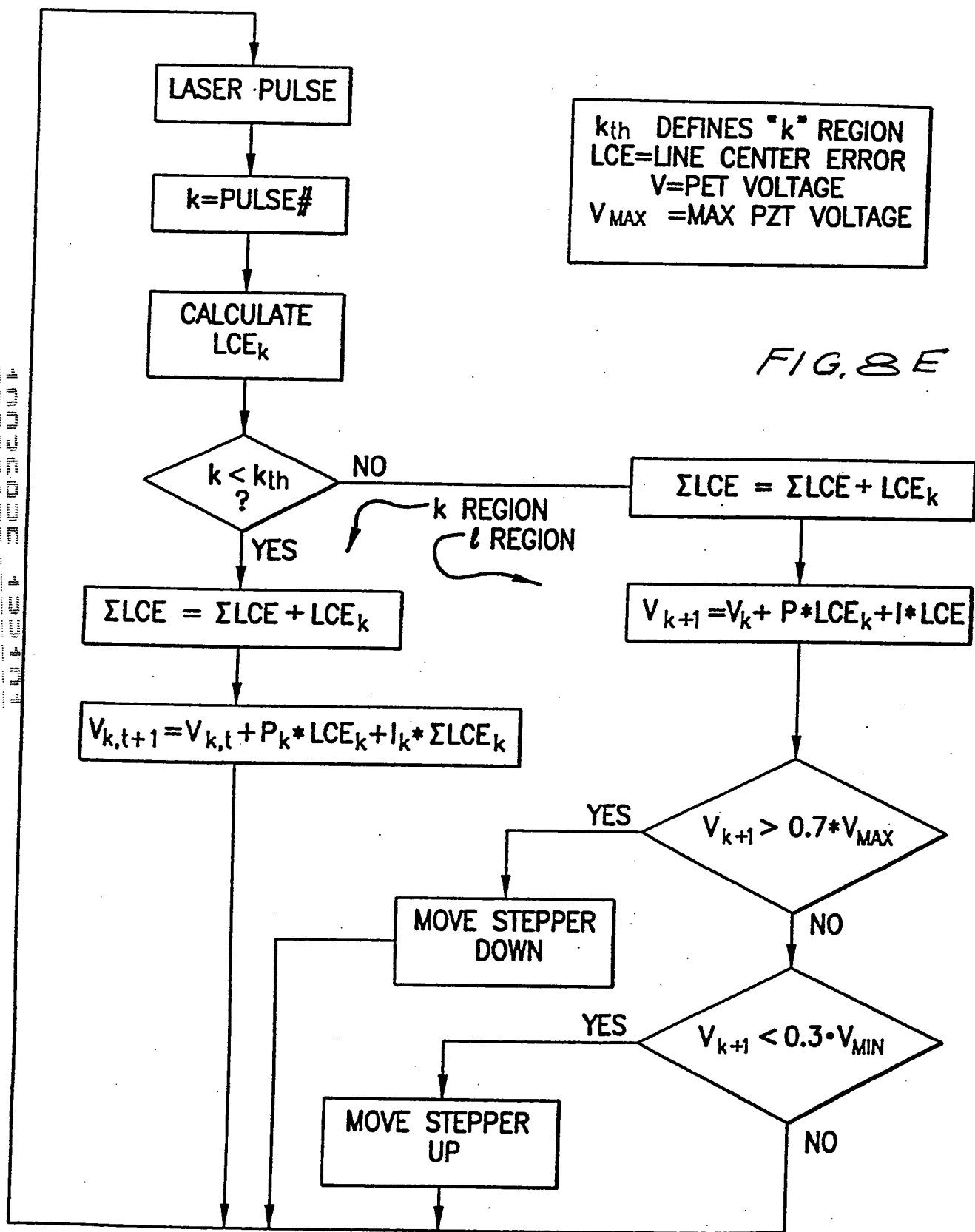
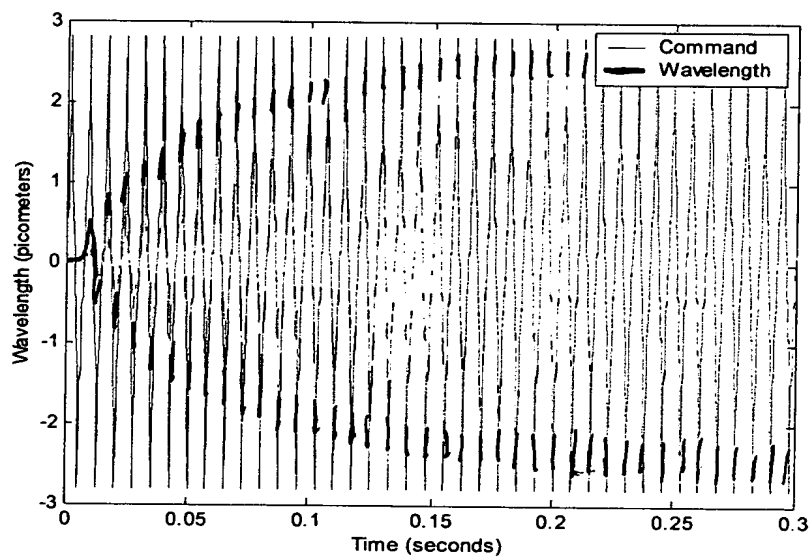
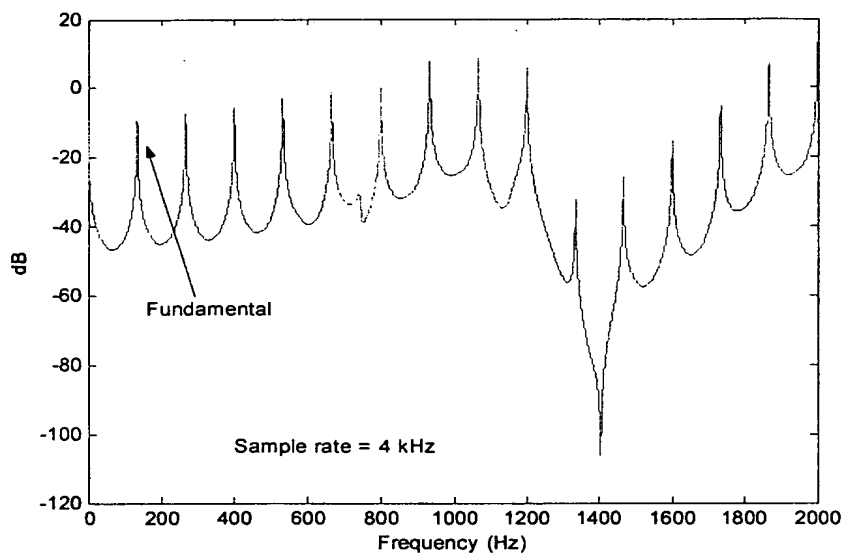


FIG. 8D





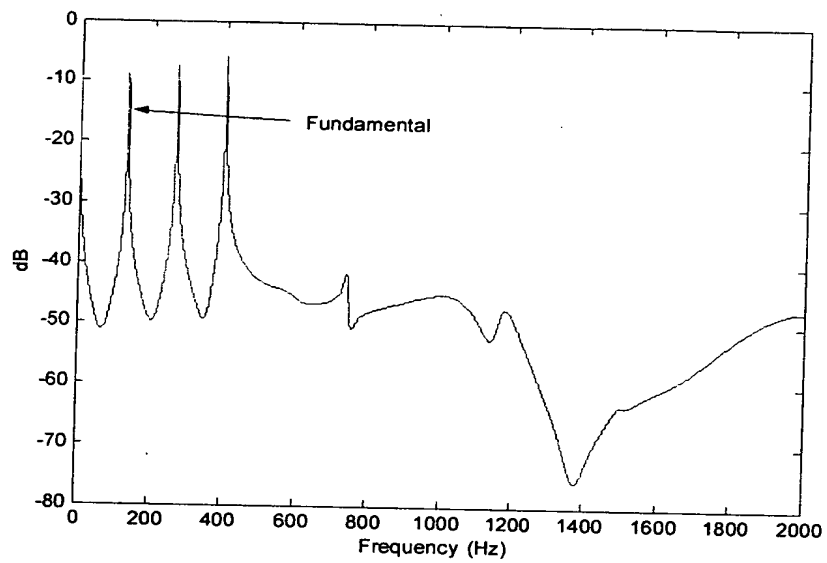


FIG. 9C

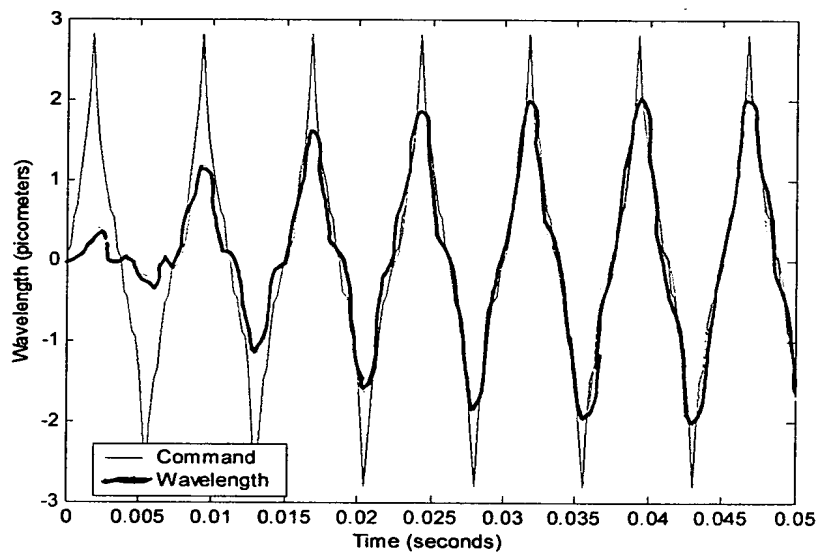


FIG. 9D

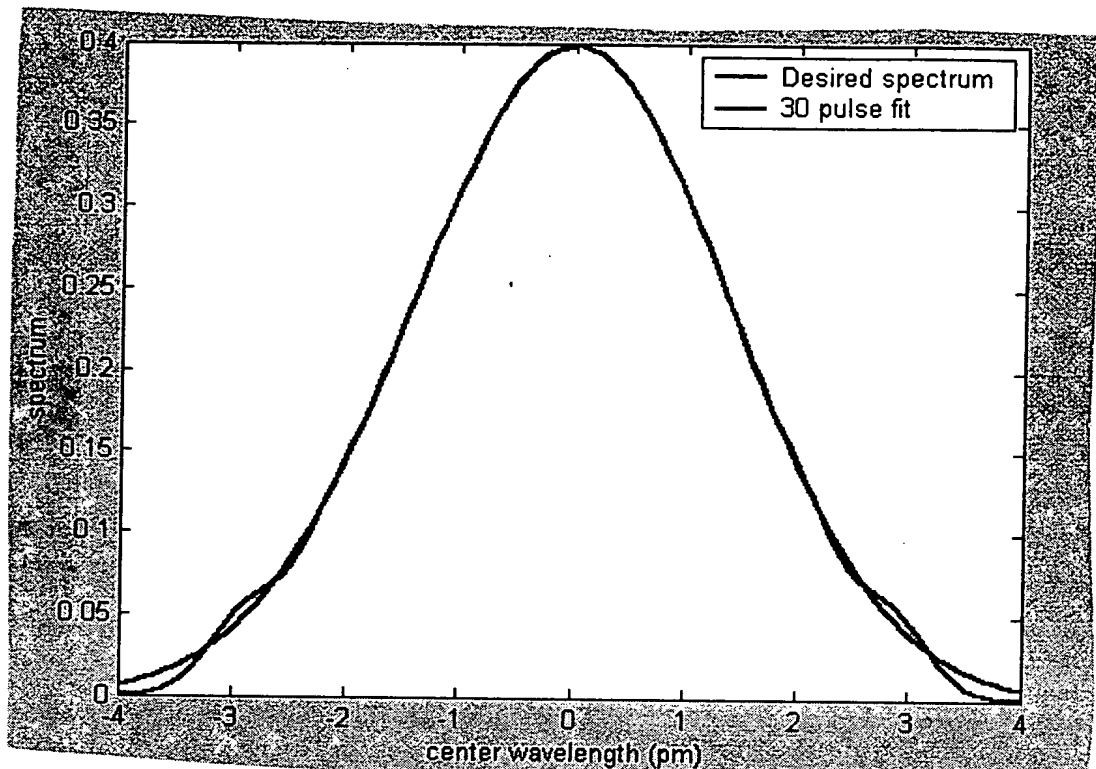


FIG. 10A

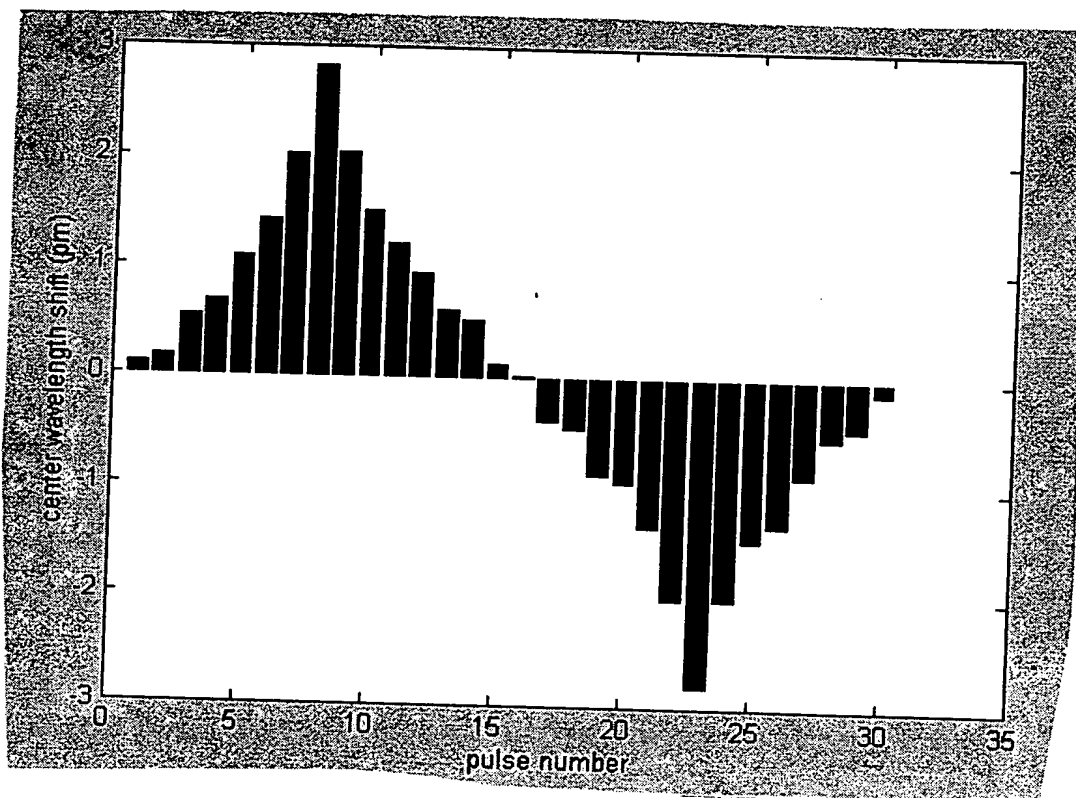


FIG. 10B

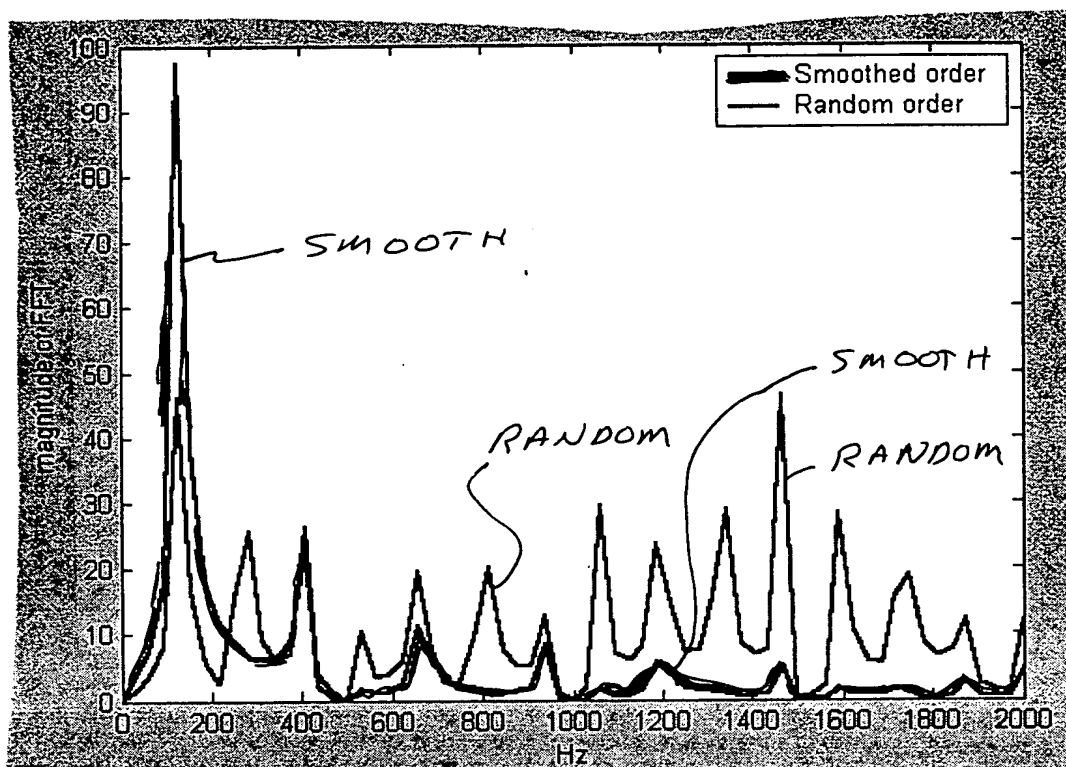


FIG. 10C

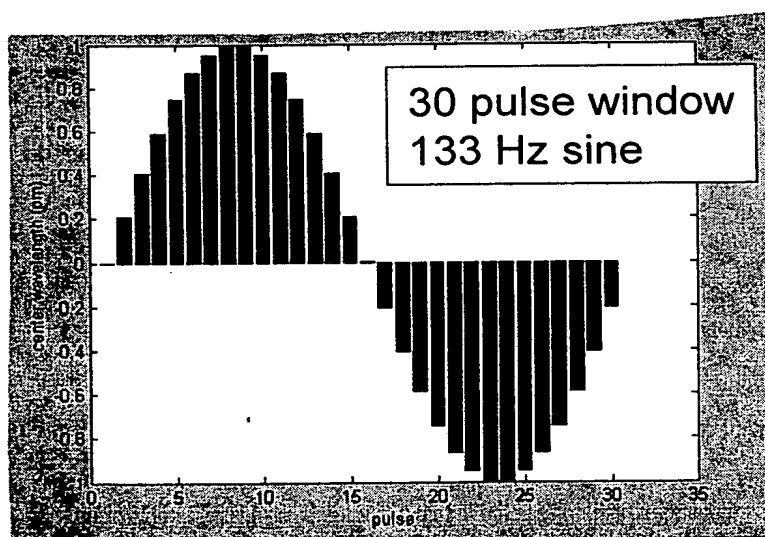


FIG. 10D

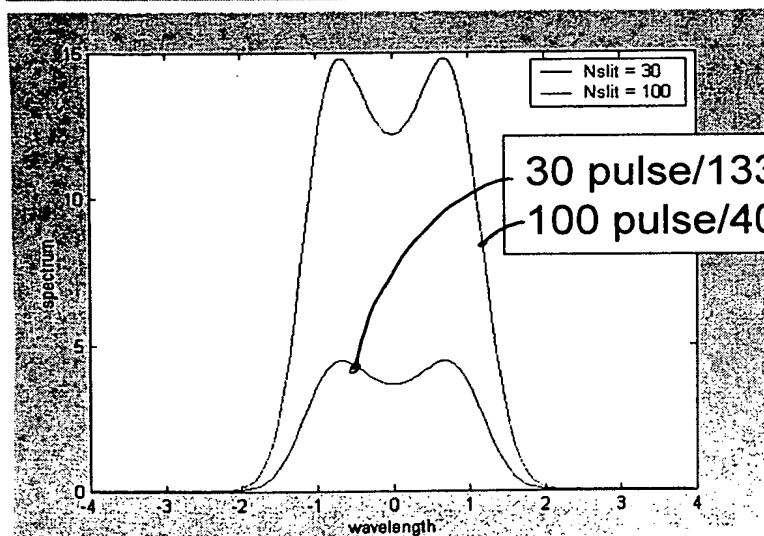


FIG. 10E

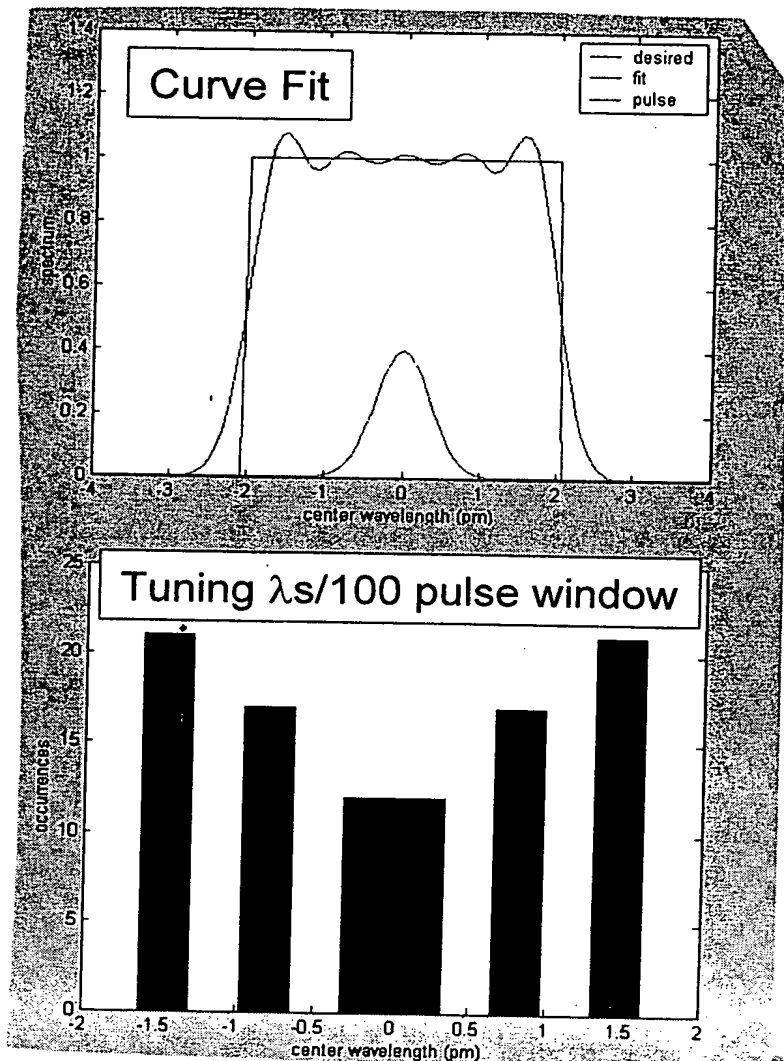


FIG. 10F

FIG. 10G

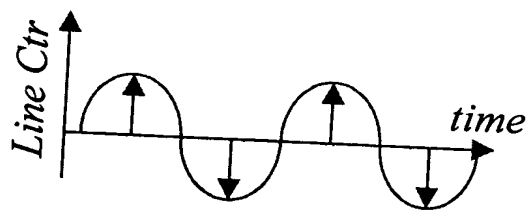


FIG. 10H

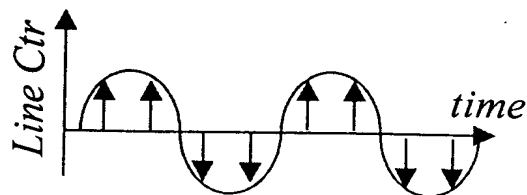


FIG. 10I